SERVICE MANUAL

Ver.4-2005K

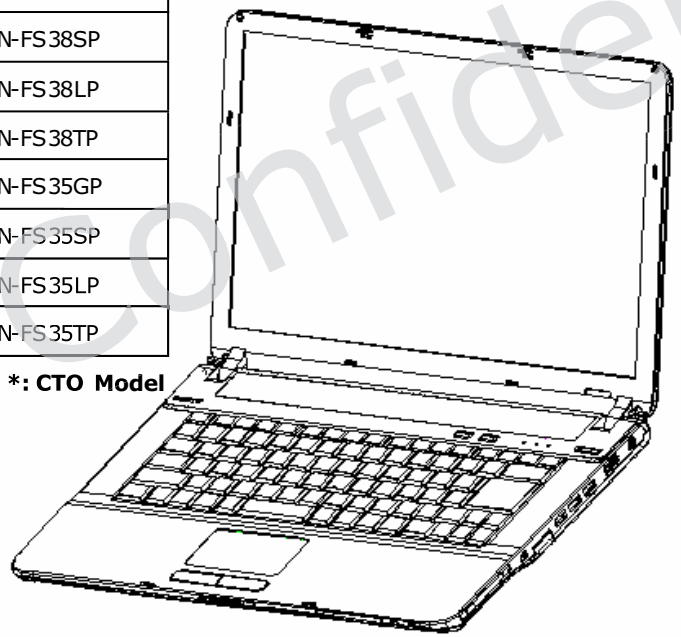
Revision History

J	VGN-FS52B
	VGN-FS22B
	VGN-FS32B
	VGN-FS22VB
	VGN-FS92S
	VGN-FS92PS *
	VGN-FS92S *
AM	VGN-FS780
	VGN-FS760
	VGN-FS740
	VGN-FS720
	VGN-FS775P
	VGN-FS745P
	VGN-FS770
	VGN-FS750P
	VGN-FS730
	VGN-FS715 ⚠[MA]
	VGN-FS742
	VGN-FS710 ⚠[MA]
	VGN-FS770FG

AM	VGN-FS750F
	VGN-FS730F
	VGN-FS715F
	VGN-FS755FP
	VGN-FS740FP
	VGN-FS710FP
	VGN-FS760Q
	VGN-FS740Q
	VGN-FS790P *
	VGN-FS790B *
	VGN-FS790 *
	VGN-FS790BH *
EU	VGN-FS315Z
	VGN-FS395VP
	VGN-FS315M
	VGN-FS315B
	VGN-FS315E
	VGN-FS315SR
	VGN-FS315MR
	VGN-FS315H

EU	VGN-FS315S
AO	VGN-FS38C
	VGN-FS35C
	VGN-FS38GP
	VGN-FS38SP
	VGN-FS38LP
	VGN-FS38TP
	VGN-FS35GP
	VGN-FS35SP
	VGN-FS35LP
	VGN-FS35TP

*: CTO Model



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PERSONAL COMPUTER

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9-876-443-04

Service and Inspection Precautions

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Caution Markings foe Lithium/Ion Battery-

The following or similar texts shall be provided on battery pack of equipment or in both the operating and the service instructions.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the Manufacturer'

CAUTION: The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 100℃(212℉) or incinerate. Dispose of used battery promptly. Keep Away from children..

CAUTION: Changing the back up battery.

· Overcharging, short circuiting, reverse charging, multilati on or incineration of the cells must be avoided to prevent one or more of the following occurrences; release of toxic materials, release of hydrogen and/or oxygen gas, rise in surface temperature.

· If a cell has leaked or vented, it should be replaced immediately while avoiding to touch it without any protection..

***1.Obey precautionary markings and instructions**

* Labels and stamps on the cabinet, *chassis, and components are as *requiring special precautions. Be *sure to observe these precautions, *as well as all precautions listed in *the operating manual and other *associated documents..

***2.Use designated parts only**

*The set's components possess important safety *characteristics, such as noncombustibility and the *ability to tolerate large voltages. * Be sure that replacement parts possess the same *safety characteristics as the originals. Also *remember that the mark, *which appears in circuit *diagrams and parts lists, denotes components that *have particularly important safety functions be extra *sure to use only the designated components.

***3. Always follow the original design when *mounting parts and routing wires ***

*The original layout includes various *safety features, such as inclusion of *insulating materials (tubes and tape) and *the mounting of parts above the printer *board. In addition, internal wiring has *been routed and clamped so as to keep it away from hot or high-voltage parts. When mounting parts or routing wires, therefore, be sure to duplicat the original layout.

4. Inspect after completing service

After servicing, inspect to make Sure that all screws, components, And wiring have been returned to their original condition. Also check the area around the repair location to ensure that repair work has caused no damage, and confirm safety.

5.When replacing chip components..

Never reuse components. Also remember that the negative side of tantalum capacitors is easily Damaged by heat.,

6.When handing flexible print boards..

· The temperature of the soldering-Iron tip shoul be about 270℃.

· Do not apply the tip more than three times to the same pattern.

· Handle patterns with care; never apply force

Caution: Remember that hard disk drives are easily damaged by vibration. Always handle with care.

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History of the changes is shown as the "Revision History" at the end of this data.

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CHAPTER1. SPECIFICATIONS

1-1. Specifications

	J					
	VGN-FS52B	VGN-FS22B	VGN-FS32B	VGN-FS22VB	VGN-FS92S	VGN-FS92PS*/FS92S*
CPU	Pentium-M 750(Do1.86)	Celeron-M 360(Do1.4)	Celeron-M 370(Do1.5)	Celeron-M 360(Do1.4)	Celeron-M 360(Do1.4)	*1)
Graphic	915GM	910GML	910GML	910GML	910GML	*2)
LCD	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	*3) ⚠[COR]
HDD	100GB	80GB	100GB	80GB	40GB	*4)
MEMORY(Slot1)	512MB DDR333	512MB DDR333	512MB DDR333	512MB DDR333	256MB DDR333	*5)
MEMORY(Slot2)	-	-	-	-	256MB DDR333	
QUANTITY[STANDARD/MAX]	512MB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	
OPT-DRIVE	Super Multi Drive +/- DL	Super Multi Drive DL	Super Multi Drive DL	Super Multi Drive DL	Combo	Super Multi Drive +/- DL/Combo/DVD -ROM ⚠[COR]
AC adaptor	AC19V11	AC19V11	AC19V11	AC19V9	AC19V11	AC19V11 ⚠[COR]
Battery	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA
Wireless LAN	O	O	O	O	O	O/X
Memory Card Adapter	O	O	O	O	O	O
USB FLOPPY DISK DRIVE	O	X	O	X	X	X
OS	XP Home	XP Home	XP Home	XP Home	XP Home	XP Home/XP Pro

*1)Celeron-M 360J,Pentium-M 740,Pentium-M750,Pentium-M 770 *2)NV44M,915GM,910GML *3)15.4"WSXGA+(CB),15.4"WXGA(HC) *4)120GB,100GB,80GB,60GB,40GB *5)512MB*2,256MB*2,256MB*1
*6)Celeron-M 370,Pentium-M 740,Pentium-M 750,Pentium-M 760,Pentium-M 770,Pentium-M780 *7)NV44M,915GM,910GML *8)120GB,100GB,80GB,60GB,40GB
*9)1024*1,1024*2,512MB*1,512MB*2,256MB*2,256*1 *10)Combo,DVD+/-RW DL,DVD-ROM *11) 802.11b/g, 802.11a/b/g

	AM																					
	VGN-FS780	VGN-FS760	VGN-FS740	VGN-FS720	VGN-FS775P	VGN-FS745P	VGN-FS770	VGN-FS750P	VGN-FS730	VGN-FS715	VGN-FS742	VGN-FS710	VGN-FS770FG	VGN-FS750F	VGN-FS730F	VGN-FS715F	VGN-FS755FP	VGN-FS740FP	VGN-FS710FP	VGN-FS760Q	VGN-FS740Q	VGN-FS745P/FS745B/FS750P/FS750B*
CPU	Pentium-M 750(Do1.86)	Pentium-M 750(Do1.86)	Pentium-M 740(Do1.73)	Pentium-M 740(Do1.73)	Pentium-M 760(Do2.0)	Pentium-M 740(Do1.73)	Pentium-M 750(Do1.86)	Pentium-M 750(Do1.86)	Pentium-M 740(Do1.73)	Pentium-M 740(Do1.73)	Pentium-M 740(Do1.73)	Celeron-M 370J(Do1.5)	Pentium-M 750(Do1.86)	Pentium-M 740(Do1.73)	Pentium-M 740(Do1.73)	Celeron-M 370J(Do1.5)	Pentium-M 750(Do1.86)	Pentium-M 740(Do1.73)	Celeron-M 370J(Do1.5)	Pentium-M 750(Do1.86)	Pentium-M 740(Do1.73)	*6)
Graphic	NV44M	NV44M	915GM	915GM	NV44M	NV44M	915GM	915GM	915GM	915GM	915GM	910GML	915GM	915GM	915GM	910GML	915GM	915GM	910GML	NV44M	915GM	*7)
LCD	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (High Brightness)	15.4"WXGA (High Brightness)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (High Brightness)	15.4"WXGA (High Brightness)	15.4"WXGA (Clear Black)	15.4"WXGA (High Brightness)	15.4"WXGA (Clear Black)	15.4"WXGA (High Brightness)	15.4"WXGA (High Brightness)	15.4"WXGA (High Brightness)	15.4"WXGA (High Brightness)	15.4"WXGA (High Brightness)	15.4"WXGA (High Brightness)	15.4"WXGA (Clear Black)	15.4"WXGA (High Brightness)	15.4"WXGA (Clear Black)/(High Brightness) ⚠[COR]
HDD	120GB	100GB	80GB	60GB	100GB	80GB	100GB	100GB	80GB	60GB	80GB	80GB	100GB	100GB	80GB	60GB	100GB	80GB	60GB	100GB	80GB	*8)
MEMORY(Slot1)	512MB DDR333	512MB DDR333	256MB DDR333	256MB DDR333	512MB DDR333	512MB DDR333	512MB DDR333	512MB DDR333	256MB DDR333	256MB DDR333	256MB DDR333	256MB DDR333	512MB DDR333	512MB DDR333	256MB DDR333	256MB DDR333	512MB DDR333	256MB DDR333	256MB DDR333	512MB DDR333	256MB DDR333	*9)
MEMORY(Slot2)	512MB DDR333	-	256MB DDR333	256MB DDR333	512MB DDR333	-	512MB DDR333	-	256MB DDR333	256MB DDR333	256MB DDR333	256MB DDR333	512MB DDR333	512MB DDR333	256MB DDR333	256MB DDR333	512MB DDR333	256MB DDR333	256MB DDR333	-	256MB DDR333	
QUANTITY[STANDARD/MAX]	1GB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	1GB/2GB	512MB/2GB	1GB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	1GB/2GB	1GB/2GB	512MB/2GB	512MB/2GB	1GB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	
OPT-DRIVE	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	Combo	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	Combo	Combo	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	Combo	Combo	DVD+/-RW DL	DVD+/-RW DL	*10)
AC adaptor	AC19V9	AC19V11	AC19V11	AC19V11	AC19V11	AC19V11	AC19V11	AC19V11	AC19V11	AC19V11	AC19V11	AC19V11	AC19V9	AC19V10	AC19V10	AC19V10	AC19V10	AC19V10	AC19V10	AC19V11	AC19V11	AC19V10
Battery	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA
Wireless LAN	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	*11)
Memory Card Adapter	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
USB FLOPPY DISK DRIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OS	XP Home	XP Home	XP Home	XP Home	XP Pro	XP Pro	XP Home	XP Pro	XP Home	XP Home	XP Home	XP Home	XP Home	XP Home	XP Home	XP Home	XP Pro	XP Pro	XP Pro	XP Home	XP Home	XP Pro/XP Home
	⚠[COR]				⚠[COR]	⚠[COR]		⚠[COR]		⚠[MA]	⚠[COR]	⚠[MA]	⚠[COR]	⚠[COR]	⚠[COR]	⚠[COR]			⚠[COR]			⚠[COR]

- The model that is accompanied by asterisk(*) is the CTO model.
  For the equipment configuration, refer to the CTO Information.
- The trademarks or registered trademarks of above ,refer to page2.

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	EU								
	VGN-FS315Z	VGN-FS395VP	VGN-FS315M	VGN-FS315B	VGN-FS315E	VGN-FS315SR	VGN-FS315MR	VGN-FS315H	VGN-FS315S
CPU	Pentium-M 740(Do1.73)	Pentium-M 740(Do1.73)	Pentium-M 740(Do1.73)	Pentium-M 740(Do1.73)	Celeron-M 380(Do1.6)	Pentium-M 750(Do1.86)	Pentium-M 740(Do1.73)	Pentium-M 740(Do1.73)	Pentium-M 750(Do1.86)
Graphic	NV44M	NV44M	NV44M	915GM	910GML	NV44M	NV44M	NV44M	NV44M
LCD	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)
HDD	120GB	80GB	80GB	80GB	80GB	100GB	80GB	100GB	100GB
MEMORY(Slot1)	512MB DDR333	512MB DDR333	512MB DDR333	512MB DDR333	256MB DDR333	512MB DDR333	512MB DDR333	512MB DDR333	512MB DDR333
MEMORY(Slot2)	512MB DDR333	-	-	-	256MB DDR333	512MB DDR333	-	512MB DDR333	512MB DDR333
QUANTITY[STANDARD/MAX]	1GB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	512MB/2GB	1GB/2GB	512MB/2GB	1GB/2GB	1GB/2GB
OPT-DRIVE	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL	DVD+/-RW DL
AC adaptor	AC19V9	AC19V11	AC19V11	AC19V11	AC19V11	AC19V12	AC19V12	AC19V11	AC19V11
Battery	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA	BP2SA
Wireless LAN	O	O	O	O	O	O	O	O	O
Memory Card Adapter	X	X	X	X	X	X	X	X	X
USB FLOPPY DISK DRIVE	X	X	X	X	X	X	X	X	X
OS	XP Home	XP Pro	XP Home	XP Home	XP Home	XP Home	XP Home	XP Home	XP Home
	[COR]		[COR]	[COR]			[COR]		

[COR]

	AO									
	VGN-FS38C	VGN-FS35C	VGN-FS38GP	VGN-FS38SP	VGN-FS38LP	VGN-FS38TP	VGN-FS35GP	VGN-FS35SP	VGN-FS35LP	VGN-FS35TP
CPU	Pentium-M 760(Do2.0)	Pentium-M 750(Do1.86)	Pentium-M 770(Do2.13)	<-	<-	<-	Pentium-M 750(Do1.86)	<-	<-	<-
Graphic	NV44M	NV44M	NV44M	<-	<-	<-	NV44M	<-	<-	<-
LCD	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	15.4"WXGA (Clear Black)	<-	<-	<-	15.4"WXGA (High Brightness)	<-	<-	<-
HDD	80GB	60GB	100GB	<-	<-	<-	60GB	<-	<-	<-
MEMORY(Slot1)	512MB DDR333	256MB DDR333	512MB DDR333	<-	<-	<-	512MB DDR333	<-	<-	<-
MEMORY(Slot2)	-	256MB DDR333	-	<-	<-	<-	-	<-	<-	<-
QUANTITY[STANDARD/MAX]	512MB/2GB	512MB/2GB	512MB/2GB	<-	<-	<-	512MB/2GB	<-	<-	<-
OPT-DRIVE	DVD+/-RW DL	Combo	DVD+/-RW DL	<-	<-	<-	DVD+/-RW DL	<-	<-	<-
AC adaptor	AC19V10	AC19V10	AC19V10	<-	<-	<-	AC19V10	<-	<-	<-
Battery	BP2SA	BP2SA	BP2SA	<-	<-	<-	BP2SA	<-	<-	<-
Wireless LAN	O	O	O	<-	<-	<-	O	<-	<-	<-
Memory Card Adapter	X	X	X	<-	<-	<-	X	<-	<-	<-
USB FLOPPY DISK DRIVE	X	X	X	<-	<-	<-	X	<-	<-	<-
OS	XP Home	XP Home	XP Pro	<-	<-	<-	XP Pro	<-	<-	<-

[COR]

- The model that is accompanied by asterisk(*) is the CTO model.
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- The trademarks or registered trademarks of above ,refer to page2.

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1-2.CTO Information

Model name:VGN-FS92PS
Model number:PCG-7D2N (W/ W-LAN), PCG-7D3N(W/O W-LAN)
OS:WinXP Pro

CPU	Pemtium-M 770 6-707-261-01 CPU PM 2.13	Pemtium-M 750 6-707-259-01 CPU PM 1.86	Pemtium-M 740 6-707-258-01 CPU PM 1.73	Celeron-M 360J 6-708-557-01 CPU CEL-M 1.4		
HDD	120GB ASSY HDD 120GB	100GB ASSY HDD 100GB	80GB ASSY HDD 80GB	60GB ASSY HDD 60GB	40GB ASSY HDD 40GB	Note: Refer to "H-1.HDD" for part numbers.
LCD	15.4/WSXGA+/ClearBlack A-1133-650-A ASSY LCD (HC-SXGA+-WLAN)(S)(W)	15.4/WXGA/ClearBlack A-1133-651-A ASSY LCD (HC-XGA-WLAN)(S)(W)	15.4/WSXGA+/ClearBlack A-1127-878-A ASSY LCD (HC-SXGA+-WLAN)(S)(G)	15.4/WXGA/ClearBlack A-1127-879-A ASSY LCD (HC-WXGA-WLAN)(S)(G)		
Graphics	NV44M	915GM	910GML			
Memory	256MB*1	256MB*2	512MB*2	Note: Refer to "M-1.Main Board" for part numbers.		
Opt.Drive	Super Multi +/- DL A-1156-463-A ASSY ODD PANA(HMDL)(W)	Super Multi +/- DL A-1156-462-A ASSY ODD PANA(HMDL)(G)	Combo A-1127-956-A ASSY ODD QSI(SBW 243)(W)	Combo A-1127-957-A ASSY ODD QSI(SBW 243)(G)	DVD-ROM A-1127-958-A ASSY ODD Toshiba(C2732)(W)	DVD-ROM A-1127-959-A ASSY ODD Toshiba(C2732)(G)	Super Multi +/- DL A-1152-210-A ASSY ODD Pioneer HMDL(W)	Super Multi +/- DL A-1152-211-A ASSY ODD Pioneer HMDL(G)
W-LAN	802.11b/g(Intel) 1-761-864-61/-62/-63/-64 WIRELESS LAN CARD	802.11b/g(Ambit) 1-789-014-22/-23 WIRELESS LAN CARD	None			
Office	2003 Professional	None				
Other Option	Memory card adapter 1-478-615-11 MEMORY CARD ADAPTER					
CHASSIS COLOR	White	Gray				

Model name:VGN-FS92S
Model number:PCG-7D2N (W/ W-LAN), PCG-7D3N(W/O W-LAN)
OS:WinXP Home

CPU	Pemtium-M 770 6-707-261-01 CPU PM 2.13	Pemtium-M 750 6-707-259-01 CPU PM 1.86	Pemtium-M 740 6-707-258-01 CPU PM 1.73	Celeron-M 360J 6-708-557-01 CPU CEL-M 1.4		
HDD	120GB ASSY HDD 120GB	100GB ASSY HDD 100GB	80GB ASSY HDD 80GB	60GB ASSY HDD 60GB	40GB ASSY HDD 40GB	Note: Refer to "H-1.HDD" for part numbers.
LCD	15.4/WSXGA+/ClearBlack A-1133-650-A ASSY LCD (HC-SXGA+-WLAN)(S)(W)	15.4/WXGA/ClearBlack A-1133-651-A ASSY LCD (HC-XGA-WLAN)(S)(W)	15.4/WSXGA+/ClearBlack A-1127-878-A ASSY LCD (HC-SXGA+-WLAN)(S)(G)	15.4/WXGA/ClearBlack A-1127-879-A ASSY LCD (HC-WXGA-WLAN)(S)(G)		
Graphics	NV44M	915GM	910GML			
Memory	256MB*1	256MB*2	512MB*2	Note: Refer to "M-1.Main Board" for part numbers.		
Opt.Drive	Super Multi +/- DL A-1156-463-A ASSY ODD PANA(HMDL)(W)	Super Multi +/- DL A-1156-462-A ASSY ODD PANA(HMDL)(G)	Combo A-1127-956-A ASSY ODD QSI(SBW 243)(W)	Combo A-1127-957-A ASSY ODD QSI(SBW 243)(G)	DVD-ROM A-1127-958-A ASSY ODD Toshiba(C2732)(W)	DVD-ROM A-1127-959-A ASSY ODD Toshiba(C2732)(G)	Super Multi +/- DL A-1152-210-A ASSY ODD Pioneer HMDL(W)	Super Multi +/- DL A-1152-211-A ASSY ODD Pioneer HMDL(G)
W-LAN	802.11b/g(Intel) 1-761-864-61/-62/-63/-64 WIRELESS LAN CARD	802.11b/g(Ambit) 1-789-014-22/-23 WIRELESS LAN CARD	None			
Office	2003 Personal	None				
Other Option	Memory card adapter 1-478-615-11 MEMORY CARD ADAPTER					
CHASSIS COLOR	White	Gray				

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Model name:VGN-FS790P
Model number:PCG-7D1L(802.11a/b/g),PCG-7D2L(802.11b/g)
OS:WinXP Pro

CPU	Pentium-M 780 6-708-173-01 CPU PM 2.26	Pentium-M 770 6-707-261-01 CPU PM 2.13	Pentium-M 760 6-707-260-01 CPU PM2.0	Pentium-M 750 6-707-259-01 CPU PM 1.86	Pentium-M 740 6-707-258-01 CPU PM 1.73	Celeron-M 370J 6-708-558-01 CPU CEL-M 1.5
HDD	120GB ASSY HDD 120GB	100GB ASSY HDD 100GB	80GB ASSY HDD 80GB	60GB ASSY HDD 60GB	40GB ASSY HDD 40GB	Note: Refer to "H-1.HDD" for part numbers.
LCD	15.4/WXGA/High Brightness A-1133-649-A ASSY LCD (BR-WLAN)(Q)(S)(W)	15.4/WXGA/ClearBlack A-1133-651-A ASSY LCD (HC-WLAN)(S)(W)				
Graphics	NV44M	915GM	910GML			
Memory	1024MB*1	1024MB*2	256MB*1	256MB*2	512MB*1	512MB*2	Note: Refer to "M-1.Main Board" for part numbers
Opt.Drive	Combo A-1127-956-A ASSY ODD QSI(SBW 243)(W)	DVD+/-RW A-1127-951-A ASSY ODD SONY(DVD+/-RW)(W)	DVD-ROM A-1127-958-A ASSY ODD Toshiba(C2732)(W)	DVD+/-RW A-1152-205-A ASSY ODD Poineer(DVD+/-RW)(W)	DVD+/-RW A-1127-953-A ASSY ODD Poineer(DVD+/-RW)(W)	DVD+/-RW A-1152-207-A ASSY ODD PANA(DVD+/-RW)(W)	DVD+/-RW A-1152-208-A ASSY ODD SONY(DVD+/-RW)(W)
W-LAN	802.11b/g(Intel) 1-761-864-51 WIRELESS LAN CARD	802.11a/b/g 1-789-095-51 WIRELESS LAN CARD				
CHASSIS COLOR	White					

Model name:VGN-FS790B
Model number:PCG-7D1L(802.11a/b/g),PCG-7D2L(802.11b/g)
OS:WinXP Pro

CPU	Pentium-M 780 6-707-173-01 CPU PM 2.26	Pentium-M 770 6-707-261-01 CPU PM 2.13	Pentium-M 760 6-707-260-01 CPU PM2.0	Pentium-M 750 6-707-259-01 CPU PM 1.86	Pentium-M 740 6-707-258-01 CPU PM 1.73	Celeron-M 370J 6-708-558-01 CPU CEL-M 1.5
HDD	120GB ASSY HDD 120GB	100GB ASSY HDD 100GB	80GB ASSY HDD 80GB	60GB ASSY HDD 60GB	40GB ASSY HDD 40GB	Note: Refer to "H-1.HDD" for part numbers.
LCD	15.4/WXGA/High Brightness A-1133-649-A ASSY LCD (BR-WLAN)(Q)(S)(W)	15.4/WXGA/ClearBlack A-1133-651-A ASSY LCD (HC-WLAN)(S)(W)				
Graphics	NV44M	915GM	910GML			
Memory	1024MB*1	1024MB*2	256MB*1	256MB*2	512MB*1	512MB*2	Note: Refer to "M-1.Main Board" for part numbers
Opt.Drive	Combo A-1127-956-A ASSY ODD QSI(SBW 243)(W)	DVD+/-RW A-1127-951-A ASSY ODD SONY(DVD+/-RW)(W)	DVD-ROM A-1127-958-A ASSY ODD Toshiba(C2732)(W)	DVD+/-RW A-1152-205-A ASSY ODD Poineer(DVD+/-RW)(W)	DVD+/-RW A-1127-953-A ASSY ODD Poineer(DVD+/-RW)(W)	DVD+/-RW A-1152-207-A ASSY ODD PANA(DVD+/-RW)(W)	DVD+/-RW A-1152-208-A ASSY ODD SONY(DVD+/-RW)(W)
W-LAN	802.11b/g(Intel) 1-761-864-51 WIRELESS LAN CARD	802.11a/b/g 1-789-095-51 WIRELESS LAN CARD				
CHASSIS COLOR	White					

Model name:VGN-FS790
Model number:PCG-7D1L(802.11a/b/g),PCG-7D2L(802.11b/g)
OS:WinXP Home

CPU	Pentium-M 780 6-707-173-01 CPU PM 2.26	Pentium-M 770 6-707-261-01 CPU PM 2.13	Pentium-M 760 6-707-260-01 CPU PM2.0	Pentium-M 750 6-707-259-01 CPU PM 1.86	Pentium-M 740 6-707-258-01 CPU PM 1.73	Celeron-M 370J 6-708-558-01 CPU CEL-M 1.5
HDD	120GB ASSY HDD 120GB	100GB ASSY HDD 100GB	80GB ASSY HDD 80GB	60GB ASSY HDD 60GB	40GB ASSY HDD 40GB	Note: Refer to "H-1.HDD" for part numbers.
LCD	15.4/WXGA/High Brightness A-1133-649-A ASSY LCD (BR-WLAN)(Q)(S)(W)	15.4/WXGA/ClearBlack A-1133-651-A ASSY LCD (HC-WLAN)(S)(W)				
Graphics	NV44M	915GM	910GML			
Memory	1024MB*1	1024MB*2	256MB*1	256MB*2	512MB*1	512MB*2	Note: Refer to "M-1.Main Board" for part numbers
Opt.Drive	Combo A-1127-956-A ASSY ODD QSI(SBW 243)(W)	DVD+/-RW A-1127-951-A ASSY ODD SONY(DVD+/-RW)(W)	DVD-ROM A-1127-958-A ASSY ODD Toshiba(C2732)(W)	DVD+/-RW A-1152-205-A ASSY ODD Poineer(DVD+/-RW)(W)	DVD+/-RW A-1127-953-A ASSY ODD Poineer(DVD+/-RW)(W)	DVD+/-RW A-1152-207-A ASSY ODD PANA(DVD+/-RW)(W)	DVD+/-RW A-1152-208-A ASSY ODD SONY(DVD+/-RW)(W)
W-LAN	802.11b/g(Intel) 1-761-864-51 WIRELESS LAN CARD	802.11a/b/g 1-789-095-51 WIRELESS LAN CARD				
CHASSIS COLOR	White					

Model name:VGN-FS790BH
Model number:PCG-7D1L(802.11a/b/g),PCG-7D2L(802.11b/g)
OS:WinXP Home

CPU	Pentium-M 780 6-707-173-01 CPU PM 2.26	Pentium-M 770 6-707-261-01 CPU PM 2.13	Pentium-M 760 6-707-260-01 CPU PM2.0	Pentium-M 750 6-707-259-01 CPU PM 1.86	Pentium-M 740 6-707-258-01 CPU PM 1.73	Celeron-M 370J 6-708-558-01 CPU CEL-M 1.5
HDD	120GB ASSY HDD 120GB	100GB ASSY HDD 100GB	80GB ASSY HDD 80GB	60GB ASSY HDD 60GB	40GB ASSY HDD 40GB	Note: Refer to "H-1.HDD" for part numbers.
LCD	15.4/WXGA/High Brightness A-1133-649-A ASSY LCD (BR-WLAN)(Q)(S)(W)	15.4/WXGA/ClearBlack A-1133-651-A ASSY LCD (HC-WLAN)(S)(W)				
Graphics	NV44M	915GM	910GML			
Memory	1024MB*1	1024MB*2	256MB*1	256MB*2	512MB*1	512MB*2	Note: Refer to "M-1.Main Board" for part numbers
Opt.Drive	Combo A-1127-956-A ASSY ODD QSI(SBW 243)(W)	DVD+/-RW A-1127-951-A ASSY ODD SONY(DVD+/-RW)(W)	DVD-ROM A-1127-958-A ASSY ODD Toshiba(C2732)(W)	DVD+/-RW A-1152-205-A ASSY ODD Poineer(DVD+/-RW)(W)	DVD+/-RW A-1127-953-A ASSY ODD Poineer(DVD+/-RW)(W)	DVD+/-RW A-1152-207-A ASSY ODD PANA(DVD+/-RW)(W)	DVD+/-RW A-1152-208-A ASSY ODD SONY(DVD+/-RW)(W)
W-LAN	802.11b/g(Intel) 1-761-864-51 WIRELESS LAN CARD	802.11a/b/g 1-789-095-51 WIRELESS LAN CARD				
CHASSIS COLOR	White					

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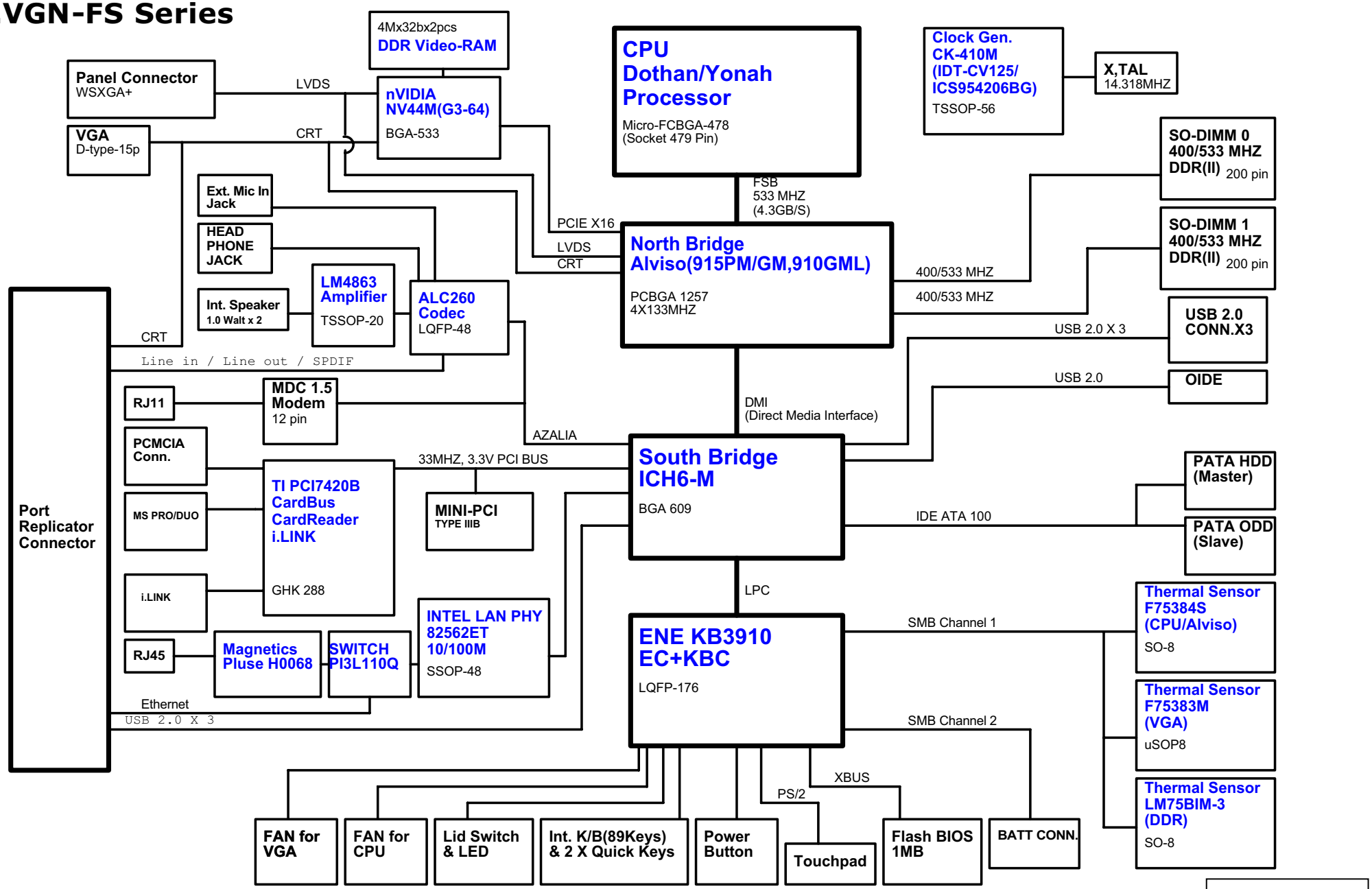
CHAPTER2.
BLOCK DIAGRAM

2-1.VGN-FS Series



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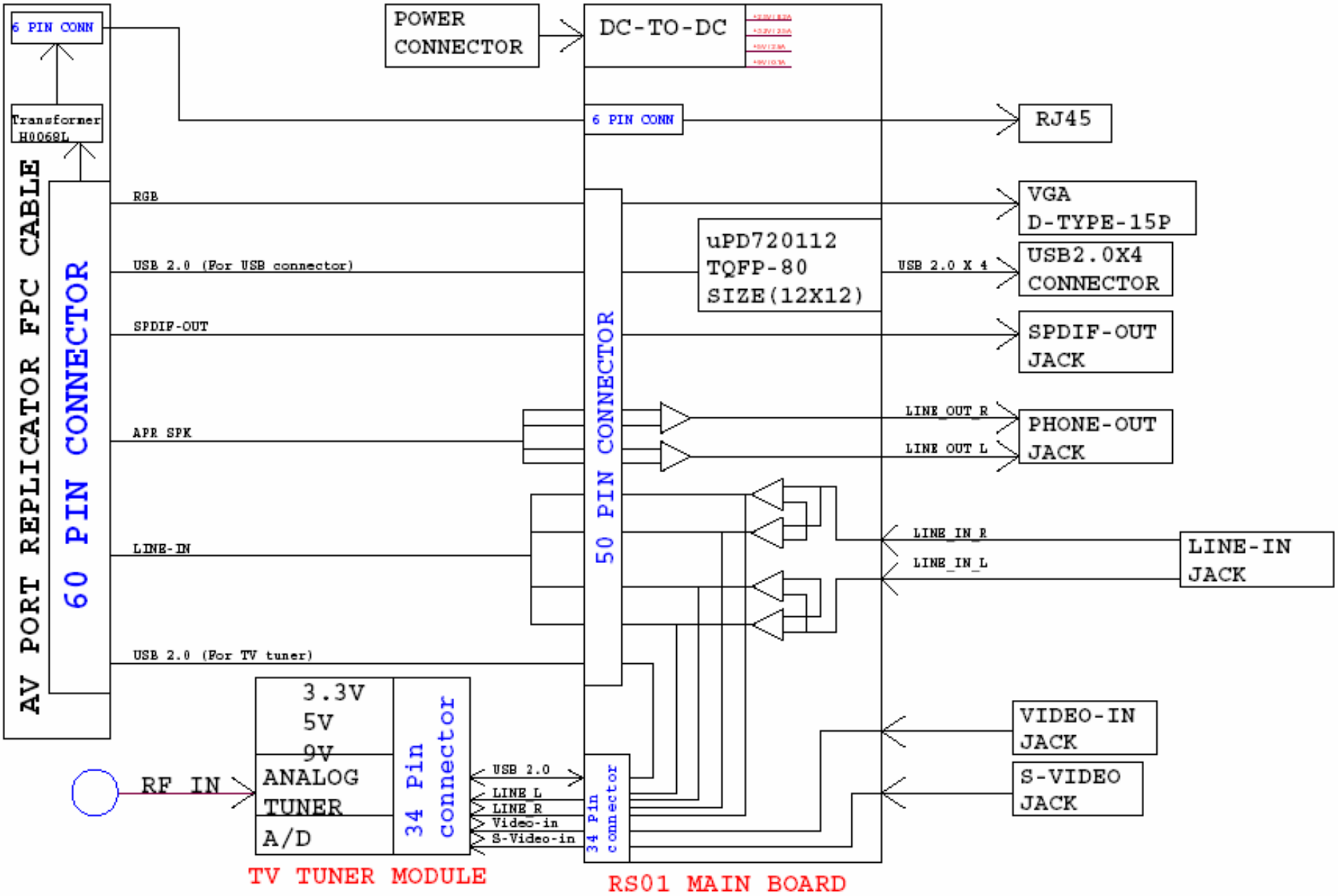
2-2. Port Replicator (VGP-PRFS10V)



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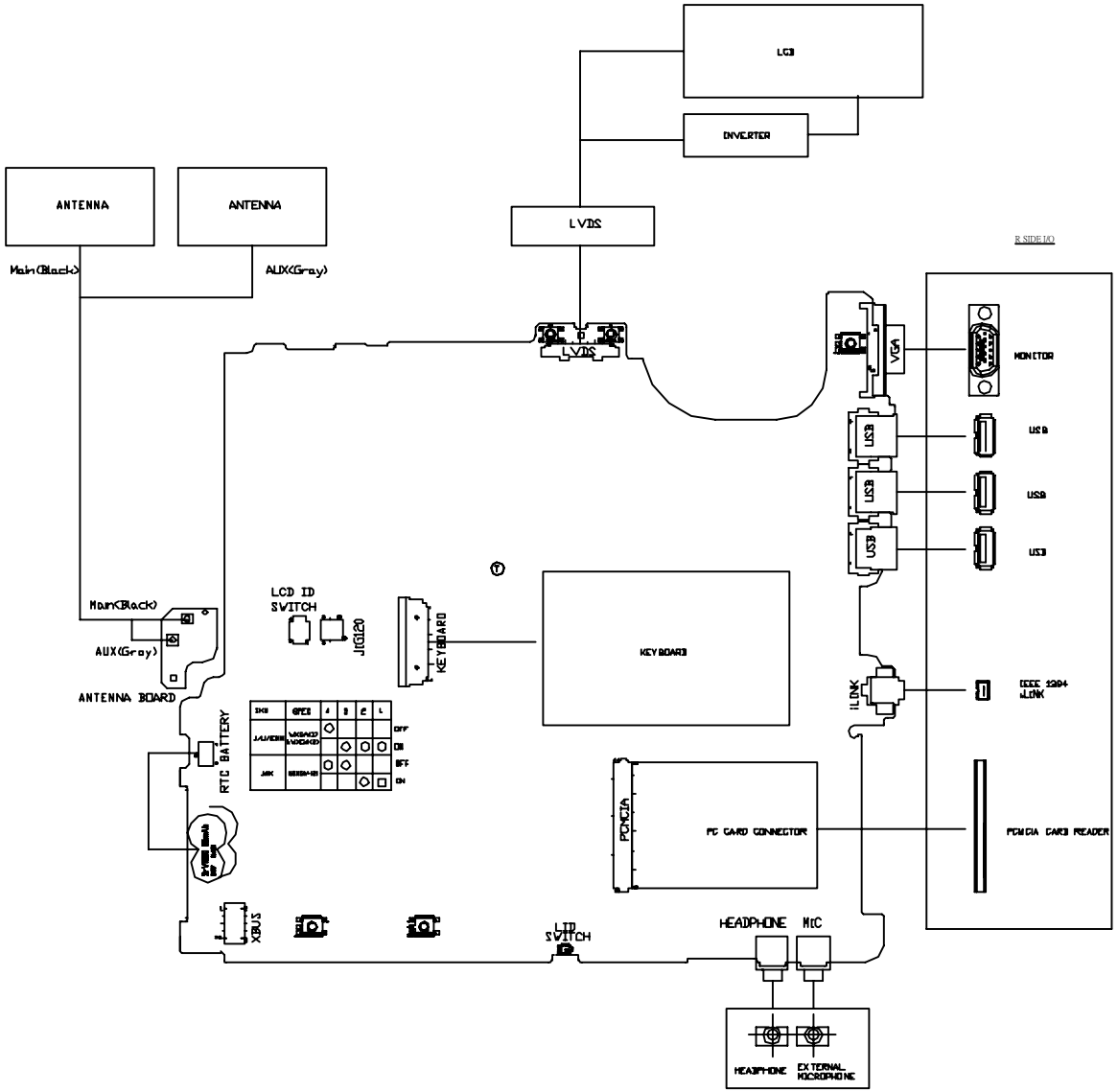
CHAPTER3.
FRAME HARNESS DIAGRAM

3-1 VGN-FS Series (TOP)



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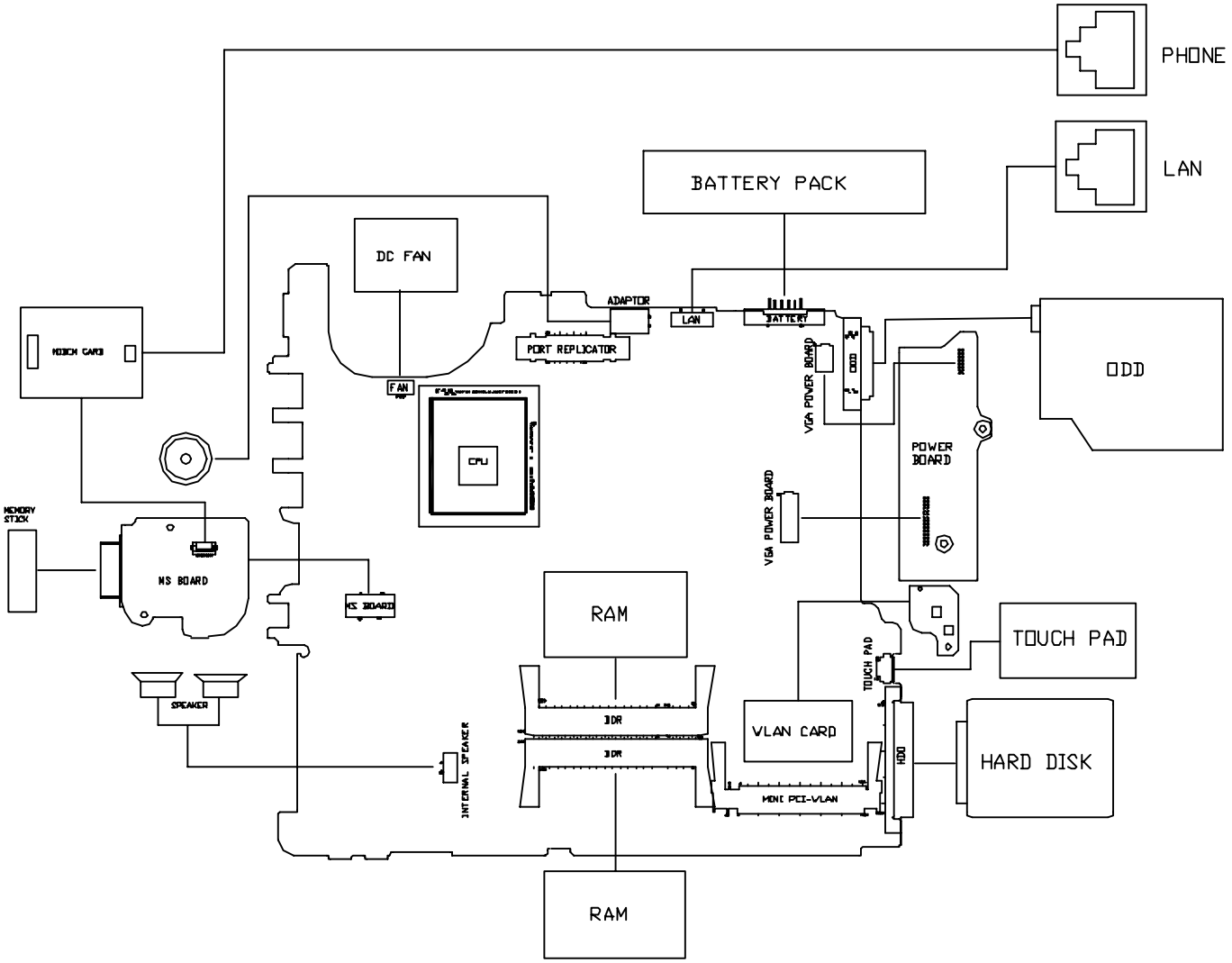
3-1 VGN-FS Series (BOTTOM)



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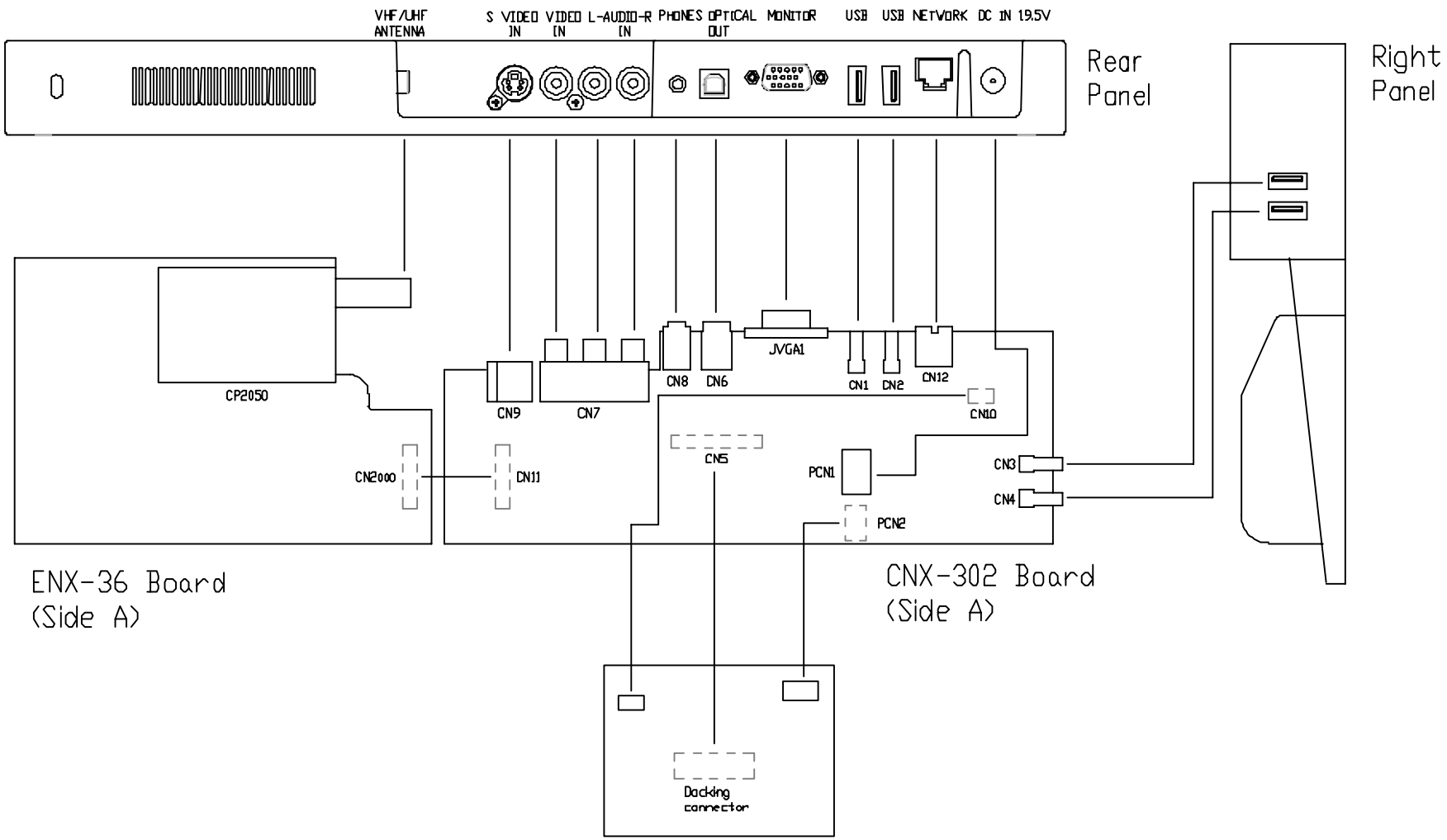
3-2 Port Replicator (VGP-PRFS10V)



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CHAPTER 4
EXPLODED VIEWS AND PARTS LIST

· The parts id compiled by blocks of a Palmrest and bottom etc.
The sections of the parts list are different depending on the model.
Please refer to list of contents shown in the below.

Section Page

Screws
S-1.Screws..... 4-2

Palmrest
P-1.Palmrest..... 4-3

Main Board
M-1.Main Board..... 4-5

BOTTOM
B-1.BOTTOM..... 4-7

CABINET KBCOVER
C-1.CABINET KBCOVER..... 4-9

LCD
L-1.LCD..... 4-10

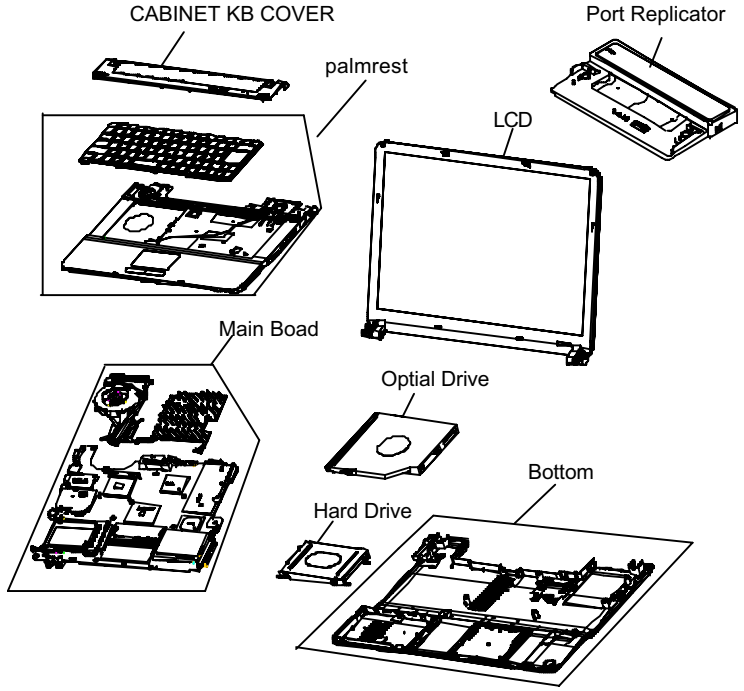
ODD
D-1.ODD 4-13

HDD
H-1.HDD..... 4-14

ACCESSORIES
A-1.ACCESSORIES..... 4-15
A-2.ACCESSORIES..... 4-18

SUBSTITUTION PARTS LIST
T-1.SUBSTITUTION PARTS LIST..... 4-20

DIP Switch..... 4-22



NOTE:
· The mechanical parts with no reference number in the exploded views are not supplied.
· When two or more parts are shown, use the part described first as the main part.
· The parts marked "&" are the "Customer Replacable Parts(CRP)" that can be replaced by Filed Customer Support. Especially the parts with the <&> mark require the special attention to use them. Here fore, check first whether the desired part is one of the targetted parts of the Customer Replacable Parts(CRP), or the non-targetted parts by referring to the exploded view.

The components identified by mark ⚠
or dotted line with mark ⚠ are critical for safely.
Replace only with part number specified.

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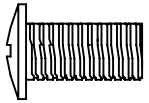
S-1. SCREWS

B1



M3*6

Black

B2

M2*1.6

Black

B3

M2*7

Black

B4

M2*5

Silver

B5

M3*3

Silver

B6

M2*2

Silver

B7

M2*3

Black

Ref.No.	Part No	Description
B1	4-654-811-01	SCREW M3
B2	2-582-816-01	APPEARANCE SCREW M2
B3	2-590-600-01	SCREW (M2), EXTERIOR VIEW
B4	4-645-214-61	GRIP, M2
B5	4-673-018-02	SCREW, SPECIAL HEAD
B6	4-671-538-01	SCREW, SPECIAL HEAD
B7	4-672-836-01	SCREW, M2 SPECIAL HEAD, EG GRIP

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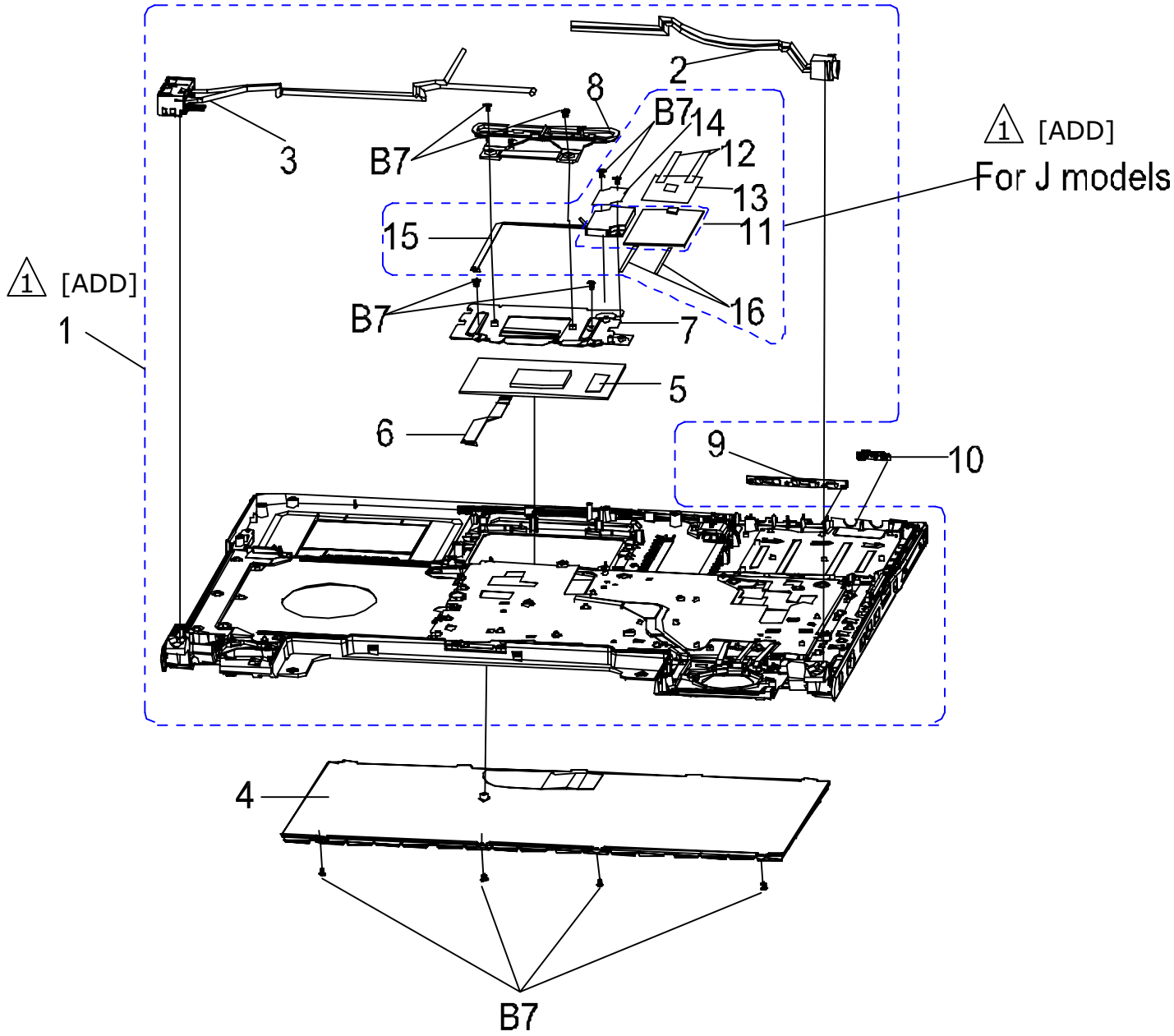
P-1. Palmrest



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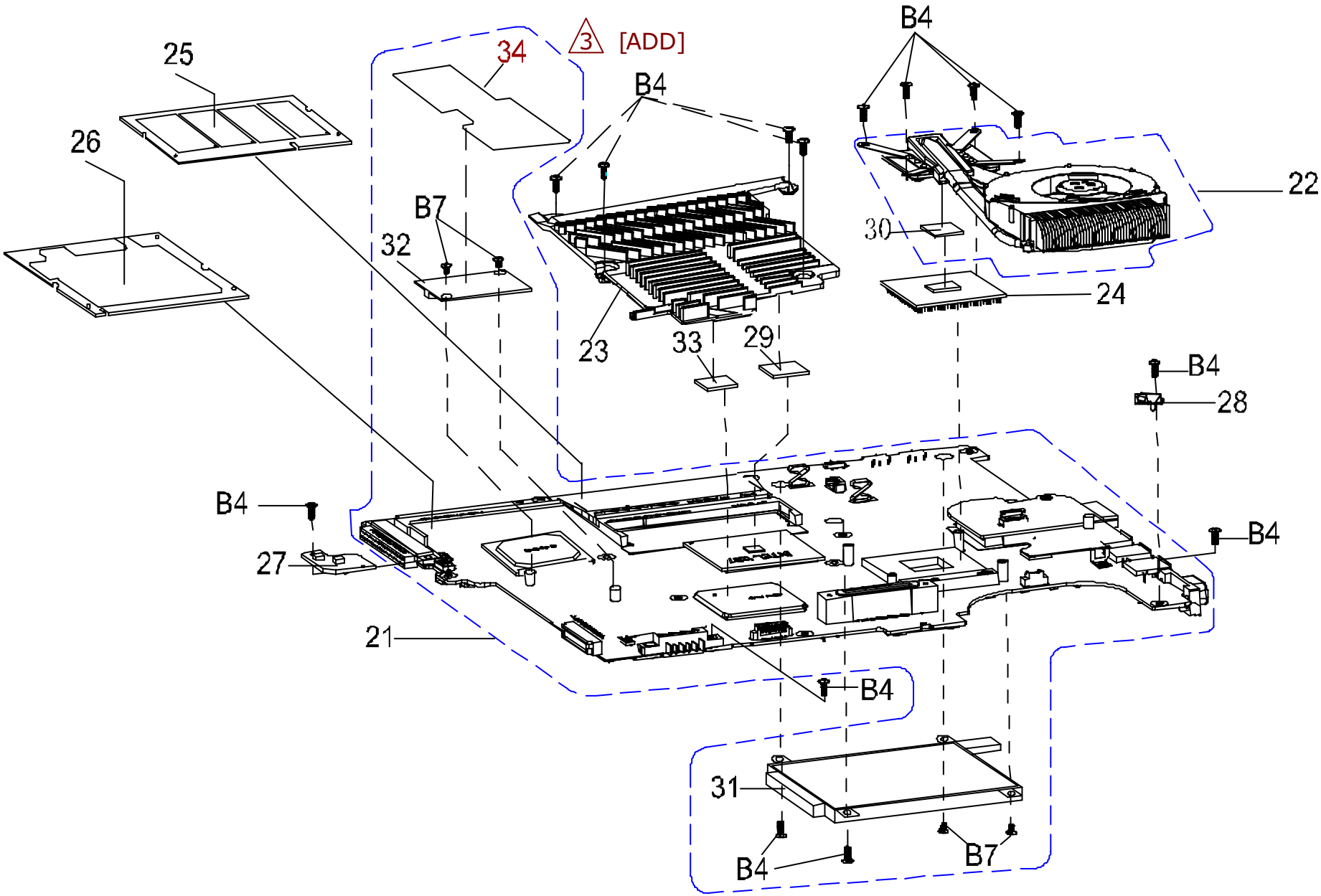
P-1. Palmrest

Ref.No.	Part No.	Description
2	1-963-519-11	MS01 CABLE DC IN
6	1-830-442-21	MS03 TOUCHPAD FFC
7	X-2067-819-1	MS03 SUBASSY TOUCHPAD BRACKET
8	2-582-765-01	MS01 TOUCHPAD BUTTON
B7	4-672-836-01	SCREW, M2 SPECIAL HEAD, EG GRIP

* :CTO Model

| Ref.No. | Part No. | Description | J | | | | | | | AM | | | | | | |

M-1. Main Board



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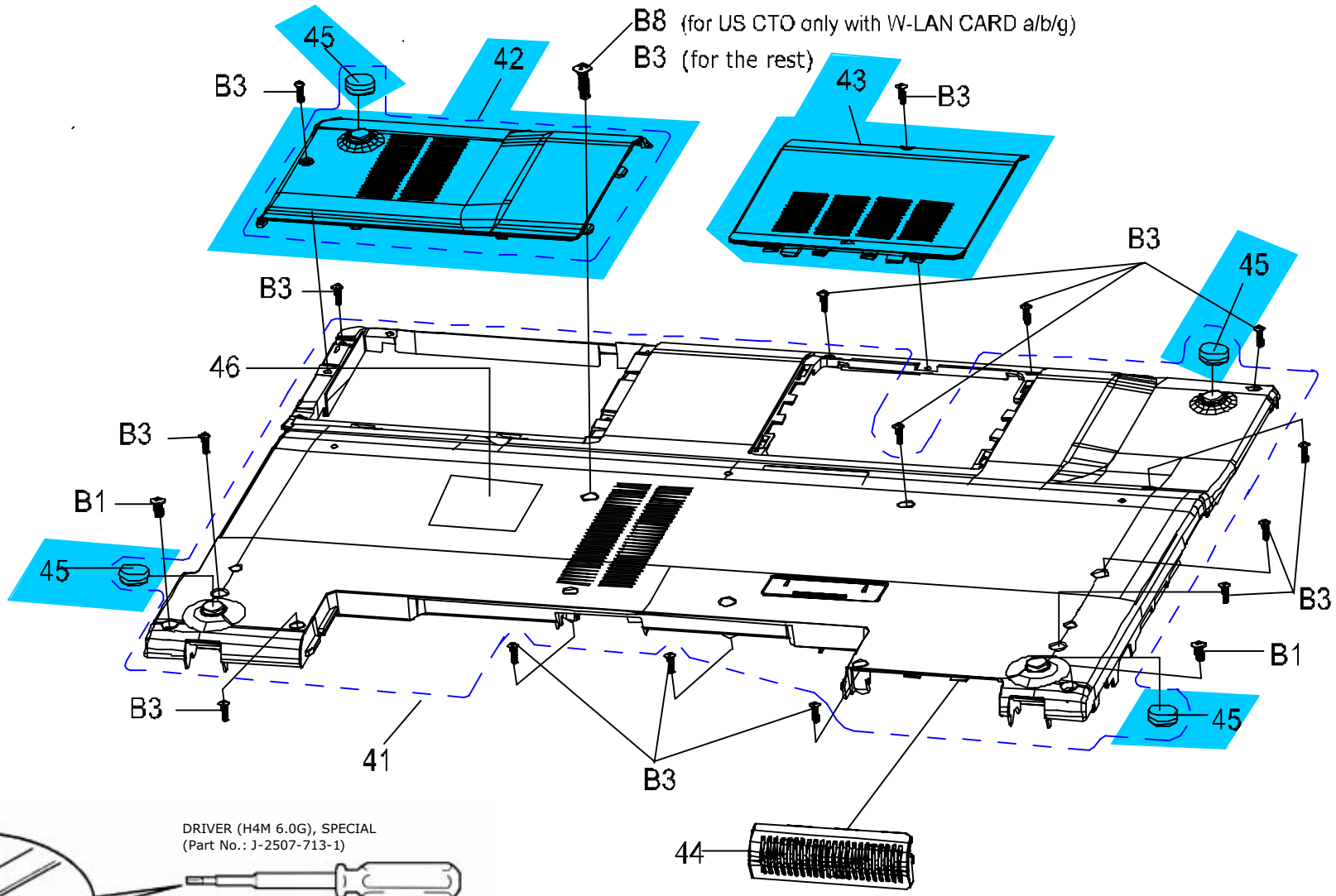
M-1. Main Board

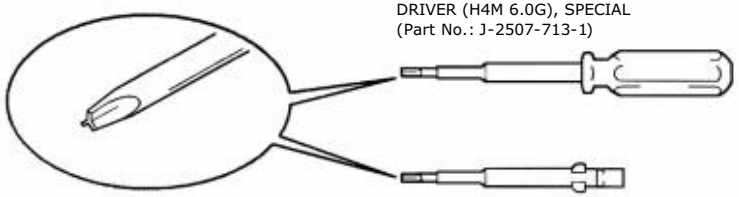
Ref.No.	Part No.	Description
22	A-1093-218-A	MS01 ASSY THERMAL
23	A-1139-737-A	MS03 THERMAL VGA
27	A-1117-455-A	MS02 PWA ANTENNA
28	2-546-280-01	MS01 DC IN BRACKET
29	2-592-555-01	MS01 NORTHBRIDGE THERMAL PAD
30	2-592-554-01	THERMAL SHEET
32	1-417-539-12	MDC MODULE
3 [ADD]	34	2-672-581-01	MS03 SHELTER INLET MB
B4	4-645-214-61	GRIP, M2
B7	4-672-836-01	SCREW, M2 SPECIAL HEAD, EG GRIP

* : CTO Model

| | Ref.No. | Part No. | Description | J | | | | | | | AM | | | | | | | | | | | | | | | | | | | | | | | | | | EU | | | | | | | | | AO | | | | | | | | | | | | | | | | | | |

B-1.Bottom





Note: For B8 removal, a special Tool Shown as right is needed.

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B-1. Bottom

Ref.No.	Part No.		Description
41	X-2067-818-1		MS03 ASSY CABINET BOTTOM
42	X-2050-587-2	&	MS02 ASSY HDD DOOR
43	X-2050-582-1	&	MS01 ASSY RAM DOOR
44	2-546-276-01		MS01 COVER THERMAL OUTLET
45	2-546-274-02	&	MS01 RUBBER FOOT
B1	4-654-811-01		SCREW M3
B3	2-590-600-01		SCREW (M2), EXTERIOR VIEW

＊: CTO Model

Ref.No.	Part No.	Description	J							AM																								EU									AO								
			FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
	2-652-219-01	LABEL,MODEL NUMBER (J)	•																																																	
	2-652-219-11	LABEL,MODEL NUMBER (J)		•	•	•	•																																													
	2-652-359-01	LABEL,MODEL NUMBER (JCTO), w/ W-LAN						•	•																																											
	2-652-359-11	LABEL,MODEL NUMBER (JCTO), w/o W-LAN						•	•																																											
	2-652-220-01	LABEL, MODEL NUMBER (U)								•	•	•	•	•	•	•	•	•	•	•	•								•	•																							
	2-652-361-01	LABEL, MODEL NUMBER (UCTO), a/b/g																													•	•	•	•																		
	2-652-361-11	LABEL, MODEL NUMBER (UCTO), b/g (intel)																													•	•	•	•																		
[1] [DEL]	~~2-652-361-21~~	~~LABEL, MODEL NUMBER (UCTO), 11bg(ATHEROS)~~																													~~•~~	~~•~~	~~•~~	~~•~~																		
	2-652-221-01	LABEL, MODEL NUMBER (LA)																				•																														
	2-652-221-11	LABEL, MODEL NUMBER (LA)																					•																													
	2-652-221-21	LABEL, MODEL NUMBER (LA)																						•																												
	2-652-221-31	LABEL, MODEL NUMBER (LA)																							•																											
	2-652-221-41	LABEL, MODEL NUMBER (LA)																								•																										
	2-652-221-51	LABEL, MODEL NUMBER (LA)																									•																									
46	2-652-221-61	LABEL, MODEL NUMBER (LA)																										•																									
	2-652-223-01	LABEL, MODEL NUMBER (C)																																																			
	2-652-223-11	LABEL, MODEL NUMBER (C)																																																		
[1] [DEL]	~~2-652-224-01~~	~~LABEL, MODEL NUMBER (I)~~																																																		
	2-652-225-01	LABEL, MODEL NUMBER (SG)																																																		
	2-652-224-11	LABEL, MODEL NUMBER (I)																																																		
[1] [DEL]	~~2-652-224-21~~	~~LABEL, MODEL NUMBER (I)~~																																																		
	2-652-225-11	LABEL, MODEL NUMBER (SG)																																																		
	2-652-224-31	LABEL, MODEL NUMBER (I)																																																		
	2-652-226-01	LABEL, MODEL NUMBER (K)																																																		
	2-652-227-01	LABEL, MODEL NUMBER (TW)																																																		
	2-652-226-11	LABEL, MODEL NUMBER (K)																																																		
	2-652-227-11	LABEL, MODEL NUMBER (TW)																																																		
	2-652-222-01	LABEL, MODEL NUMBER (E)																																	•	•	•	•	•			•	•										
	2-656-400-01	LABEL, MODEL NUMBER (E)																																						•													
	2-656-400-11	LABEL, MODEL NUMBER (E)																																							•												
B8	4-681-432-01	SPECIAL SCREW (M2) (SPIN)																													•	•	•	•																		

[2] [MA] [2] [MA]

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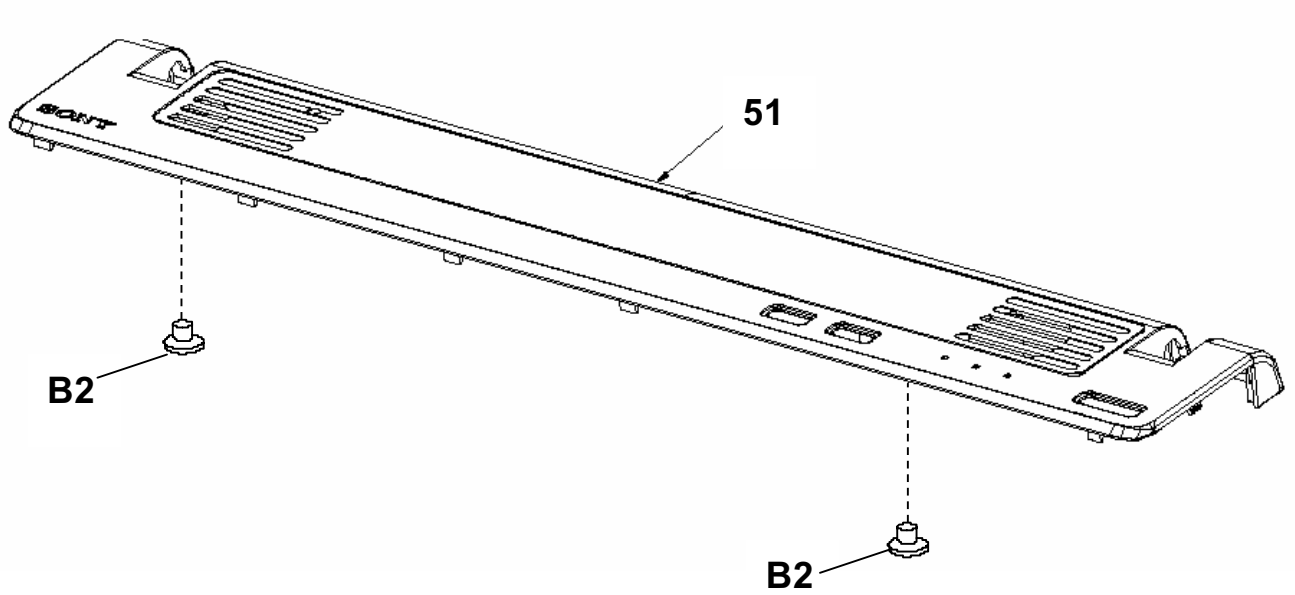
C-1. CABINET KBCOVER



Ref.No.	Part No.	Description
51	X-2102-593-1	MS02 ASSY CABINET KBCOVER
B2	2-582-816-01	APPEARANCE SCREW M2

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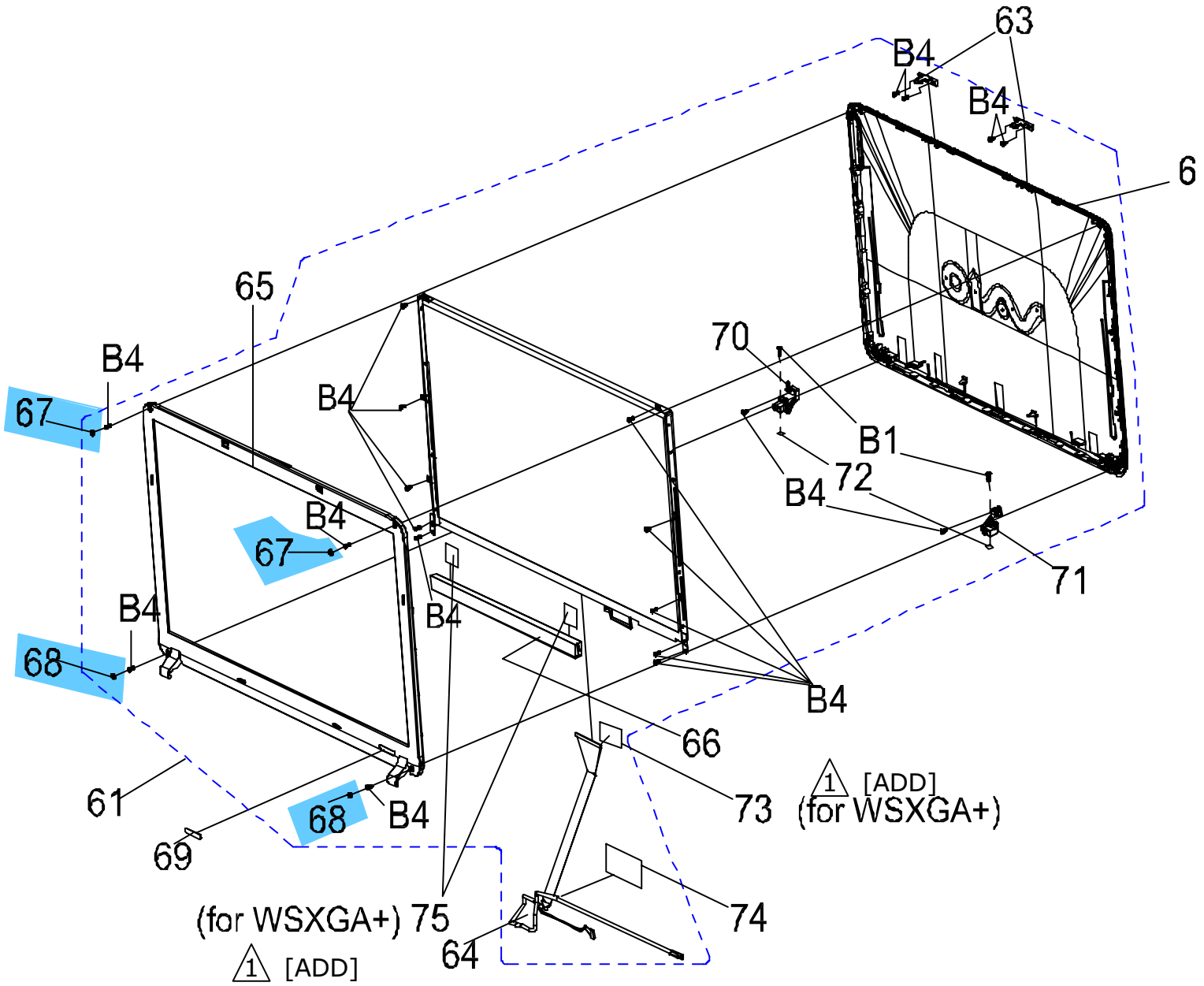
L-1. LCD



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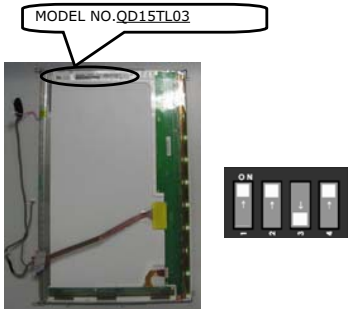
L-1. LCD

Ref.No.	Part No.		Description
63	2-546-200-01		MS01 LCD HOOK
65	X-2050-578-1		MS01 SUBASSY LCD BEZEL
67	2-546-209-01	&	MS01 LCD RUBBER ROUND
68	2-587-393-01	&	MS01 LCD RUBBER ROUND DOWN
70	2-546-203-01		MS01 HINGE LEFT
71	2-546-204-01		MS01 HINGE RIGHT
72	2-658-471-01		MS01 HINGE RUBBER
74	2-658-470-01		MS01 LCD AL FOIL 15*40*0.15
B1	4-654-811-01		SCREW, M3
B4	4-645-214-61		GRIP, M2

△1[ADD] (*1) [Notice for replacing LCD from CPT type to QDI type]
When replacing LCD from CPT to QDI, the DIP switch setting must be changed from CPT to QDI.

Type CPT (rear view)



Type QDI (rear view)

* : CTO Model

	Ref.No.	Part No.	Description	J							AM																												EU									AO									
				FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
	61	A-1133-650-A	MS02 ASSY LCD (HC-SXGA+-WLAN)(W)						●	●																																												
		A-1127-878-A	MS02 ASSY LCD (HC-SXGA+-WLAN)(G)						●	●																																											
		A-1133-651-A	MS02 ASSY LCD (HC-WXGA-WLAN)(W)	●	●	●	●	●	●	●	●	●					●	●			●		●							●		●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●								
		A-1127-879-A	MS02 ASSY LCD (HC-WXGA-WLAN)(G)						●	●					●	●																					●																			
△1[ADD]		A-1133-649-A	MS02 ASSY LCD (WLAN-1LAMP)(W)(QDI)										●* 1	●* 1					●* 1	●* 1		●* 1		●* 1	●* 1	●* 1	●* 1					●* 1	●* 1	●* 1	●* 1	●* 1															●* 1	●* 1	●	●
△1[ADD]		A-1127-877-A	MS02 ASSY LCD (WLAN-1LAMP)(G)(QDI)																								●* 1	●* 1	●* 1																												
	62	X-2048-459-1	MS01 SUBASSY LCD HOUSING (W)	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		A-1128-260-A	MS02 SUBASSY LCD HOUSING (G)						●	●					●	●											●	●	●								●																			
	64	1-963-756-21	MS02 LCD CABLE (dual)	●	●	●	●	●	●	●	●	●			●	●	●	●			●		●							●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
		1-963-755-21	MS02 LCD CABLE (single)										●	●					●	●		●		●	●	●	●	●	●		●	●	●	●	●															●	●	●	●
	66	1-479-137-22	LCD INVERTER NEC-TOKIN (dual)						●	●																																												
		1-479-137-13	LCD INVERTER NEC-TOKIN (dual)	●	●	●	●	●	●	●	●	●			●	●	●	●			●		●							●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
		1-478-805-31	LCD INVERTER NEC-TOKIN (single)										●	●					●	●		●		●	●	●	●	●	●		●	●	●	●	●															●	●	●	●
	69	2-652-251-01	LABEL ID(E)																																	●																			
		2-652-251-11	LABEL ID(E)																																		●																		
		2-652-251-31	LABEL ID(E)																																			●																	
		2-652-251-41	LABEL ID(E)																																				●																
		2-652-251-51	LABEL ID(E)																																					●															
		2-652-251-61	LABEL ID(E)																																						●														
		2-652-251-71	LABEL ID(E)																																							●													
		2-652-251-81	LABEL ID(E)																																								●												
		2-652-251-91	LABEL ID(E)																																									●											
		2-652-247-01	LABEL ID(J)	●																																									●										
		2-652-247-11	LABEL ID(J)		●																																									●									
		2-652-247-21	LABEL ID(J)			●																																									●								
		2-652-247-31	LABEL ID(J)				●																																									●							
		2-652-247-41	LABEL ID(J)					●																																									●						
		2-652-360-01	LABEL ID(JCTO)						●																																									●					
		2-652-360-11	LABEL ID(JCTO)							●																																									●				

△2[MA] △2[MA]

Sony Confidential

L-1. LCD

* : CTO Model

	Ref.No.	Part No.		J							AM																											EU									AO									
				FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS745P	FS775P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
		2-652-248-01	LABEL ID(U)								●																																											
		2-652-248-21	LABEL ID(U)									●																																										
		2-652-248-31	LABEL ID(U)										●																																									
		2-652-248-41	LABEL ID(U)											●																																								
		2-652-248-51	LABEL ID(U)												●																																							
		2-652-248-61	LABEL ID(U)													●																																						
		2-652-248-81	LABEL ID(U)														●																																					
		2-652-248-91	LABEL ID(U)															●																																				
		2-652-249-01	LABEL ID(U)																●																																			
△2 [MA]		2-652-249-51	LABEL ID(U)																	●																																		
		2-652-249-11	LABEL ID(U)																												●																						
		2-652-249-21	LABEL ID(U)																													●																					
		2-652-249-31	LABEL ID(U)																		●																																	
△2 [MA]		2-652-249-41	LABEL ID(U)																			●																																	
		2-652-362-01	LABEL ID(UCTO)																													●																					
		2-652-362-11	LABEL ID(UCTO)																															●																				
		2-652-362-21	LABEL ID(UCTO)																														●																				
	69	2-652-362-31	LABEL ID(UCTO)																															●																				
		2-652-250-01	LABEL ID(LA,C)																				●																															
		2-652-250-11	LABEL ID(LA,C)																					●																													
		2-652-250-21	LABEL ID(LA,C)																						●																												
		2-652-250-31	LABEL ID(LA,C)																							●																											
		2-652-250-41	LABEL ID(LA,C)																								●																										
		2-652-250-51	LABEL ID(LA,C)																									●																									
		2-652-250-61	LABEL ID(LA,C)																										●																								
		2-652-250-71	LABEL ID(LA,C)																																																		
		2-652-250-81	LABEL ID(LA,C)																																																		
		2-652-252-01	LABEL ID(GVD)																																																		
		2-652-252-11	LABEL ID(GVD)																																																		
		2-652-252-21	LABEL ID(GVD)																																																		
		2-652-252-31	LABEL ID(GVD)																																																		
		2-652-252-41	LABEL ID(GVD)																																																		
		2-652-252-51	LABEL ID(GVD)																																																		
		2-652-252-61	LABEL ID(GVD)																																																		
		2-652-252-71	LABEL ID(GVD)																																																		
	73	2-637-426-01	GASKET 20*10*1.5						●	●																																												
	75	2-594-334-01	THERMAL SHEET (INVERTER)						●	●																																												

△2 [MA] △2 [MA]

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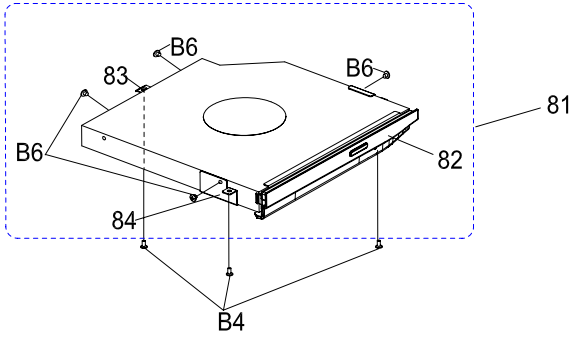
D-1.ODD

Ref.No.	Part No.	Description
83	2-546-291-01	MS02 ODD BRACKET BACK
84	2-546-292-01	MS02 ODD BRACKET FRONT
B4	4-645-214-61	GRIP, M2
B6	4-671-538-01	SCREW, SPECIAL HEAD



*: CTO Model

Ref.No.	Part No.	Description	J							AM																												EU									AO								
			FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
81	A-1152-201-A	MS03 ASSY ODD PANA SMDL (W)		•	•	•																																															
	A-1127-956-A	MS02 ASSY ODD QSI Combo (SBW 243)(W)						•	•				•					•	•											•	•	•	•												•								
	A-1127-957-A	MS02 ASSY ODD QSI Combo (SBW 243)(G)						•	•																		•	•																									
	A-1127-958-A	MS02 ASSY ODD Toshiba DVD-ROM (W)						•	•																						•	•	•	•																				
	A-1127-959-A	MS02 ASSY ODD Toshiba DVD-ROM (G)						•	•																																												
	A-1152-205-A	MS03 ASSY ODD Pioneer DVD+/-RW DL (W)																													•	•	•	•																				
	A-1152-207-A	MS03 ASSY ODD PANA DVD+/-RW DL (W)								•	•					•	•				•	•	•	•					•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
	A-1152-222-A	MS03 ASSY ODD PANA DVD+/-RW DL (G)												•	•											•										•																		
	A-1152-208-A	MS03 ASSY ODD SONY DVD+/-RW DL (W)										•								•					•					•	•	•	•																				
	A-1127-953-A	MS02 ASSY ODD Pioneer DVD+/-RW DL (W)																													•	•	•	•																				
	A-1127-951-A	MS02 ASSY ODD SONY DVD+/-RW DL (W)																													•	•	•	•																				
	A-1152-210-A	MS03 ASSY ODD Pioneer HMDL (W)						•	•																																												
	A-1152-211-A	MS03 ASSY ODD Pioneer HMDL (G)						•	•																																												
	A-1156-463-A	MS03 ASSY ODD PANA HMDL (W)	•					•	•																																												
	A-1156-462-A	MS03 ASSY ODD PANA HMDL (G)						•	•																																												
82	X-2055-772-1	MS02 SUBASSY ODD BEZEL (W)	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	X-2055-780-1	MS02 SUBASSY ODD BEZEL (G)						•	•					•	•											•	•	•								•																	

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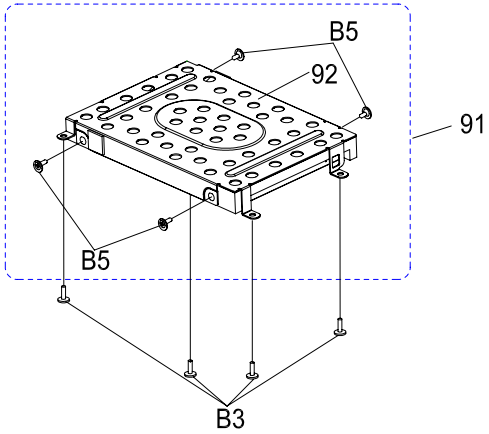
H-1.HDD

Ref.No.	Part No.	Description
92	A-1092-487-A	MS01 SUBASSY HDD BRACKET
B3	2-590-600-01	SCREW (M2), EXTERIOR VIEW
B5	4-673-018-02	SCREW, SPECIAL HEAD



*: CTO Model

	Ref.No.	Part No.	Description	J							AM																										EU									AO									
				FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
1	[ADD]	A-1152-169-A	MS03 ASSY HDD 120GB (FJ)						•	•	•																				•	•	•	•																					
1	[ADD]	A-1152-170-A	MS03 ASSY HDD 120GB (HI)						•	•																					•	•	•	•	•																				
1	[ADD]	A-1152-171-A	MS03 ASSY HDD 120GB (TO)						•	•																					•	•	•	•																				
		A-1152-196-A	MS03 ASSY HDD 100GB (FJ)						•	•																					•	•	•	•																				
		A-1127-961-A	MS02 ASSY HDD 100GB (TO)						•	•		•			•		•	•					•	•			•			•		•	•	•	•						•								•	•	•	•			
		A-1152-197-A	MS03 ASSY HDD 100GB (HGST)			•			•	•																					•	•	•	•																				
		A-1127-960-A	MS02 ASSY HDD 100GB (FJ)	•					•	•																					•	•	•	•																				
		A-1152-198-A	MS03 ASSY HDD 80GB (FJ)						•	•																					•	•	•	•																				
	91	A-1152-199-A	MS03 ASSY HDD 80GB (HGST)						•	•									•												•	•	•	•		•	•	•	•														
		A-1108-905-A	MS01 ASSY HDD 80GB (TO)				•		•	•			•			•					•	•			•			•			•	•	•	•						•						•								
		A-1127-962-A	MS02 ASSY HDD 80GB (FJ)		•				•	•																					•	•	•	•																				
		A-1152-200-A	MS03 ASSY HDD 60GB (FJ)						•	•										•											•	•	•	•																				
		A-1108-908-A	MS01 ASSY HDD 60GB (TO)						•	•				•																	•	•	•	•													•					•	•	•	•
		A-1127-963-A	MS02 ASSY HDD 60GB (FJ)						•	•																•			•		•	•	•	•																				
		A-1127-964-A	MS02 ASSY HDD 40GB (FJ)						•	•																					•	•	•	•																				
		A-1108-910-A	MS01 ASSY HDD 40GB (HI)					•	•	•																					•	•	•	•																				
		A-1108-909-A	MS01 ASSY HDD 40GB (TO)						•	•																					•	•	•	•																				

2 [MA] 2 [MA]

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A-1. ACCESSORIES

2001
Memory Card Adapter

2006
AC Adapter

2031
SPEAKER

2035
RAY-CATCHER

2004
Floppy Disk Drive

2007
Battery Pack

2032
Adapter, AC (SPEAKER)

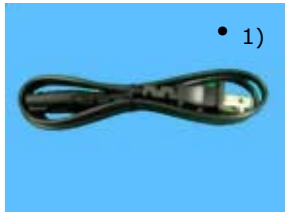
2036
REMOTE COMMANDER

2005
Power Cord

2030
Port Replicator

Refer to A -2 . Accessories

2034
CORD, POWER (SPEAKER)



2037
RF C ORD WITH F TERMINAL

• 1) The Ref. 2030-2037
are included only in the models supplied with the Port Replicator.

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A-1. ACCESSORIES

＊: CTO Model

	Ref.No.	Part No.		Description	J							AM																													EU								AO									
					FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
	2001	1-478-615-11		MEMORY CARD ADAPTER	●	●	●	●	●	●	●																																															
	2004	1-476-818-21		FDD VGP-UFD1	●		●																																																		
		1-827-160-21	&	POWER CORD FOR J (Silvine)	●	●	●	●	●																																															
		1-790-732-81	&	POWER CORD FOR J (Hirakawa)						●	●																																														
		1-829-237-21	&	POWER CORD FOR U (Silvine)								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																					
		1-829-810-31	&	POWER CORD FOR U (Hirakawa)																												●	●	●	●																					
		1-827-481-21	&	POWER CORD FOR E (non GB)(Silvine)																																●	●	●	●	●			●	●				●				●			
⚠1	2005	1-827-946-31	&	POWER CORD FOR E (FOR GB)(Silvine)																																●		●	●	●				●											
		1-830-375-11	&	POWER CORD FOR E (Russia)(Hirakawa)																																					●	●														
		1-827-947-21	&	POWER CORD FOR C (Silvine)																																									●	●										
		1-827-945-21	&	POWER CORD AC CORD (AUS)																																											●					●				
		1-823-947-33	&	POWER CORD FOR I (Korea)																																															●					
		1-830-518-21	&	POWER CORD FOR I (Taiwan)																																																●				
		1-479-116-12		AC ADAPTER NJRC (90W)																											●	●																								
		1-479-114-23		AC ADAPTER VGP-AC19V10 (Delta)																				●	●	●	●	●	●			●	●	●	●												●	●	●	●	●		●	●	●	
		1-479-114-51		AC ADAPTER VGP-AC19V10 (Delta)																																																			●		●
⚠1	2006	1-479-116-31		AC ADAPTER VGP-AC19V11 (NJRC)	●	●	●		●				●	●	●	●	●	●	●	●	●	●	●														●	●	●	●				●	●										
		1-479-116-21		AC ADAPTER VGP-AC19V11 (NJRC) for SNT						●	●																																													
		1-479-231-11		AC ADAPTER VGP-AC19V12 (Delta) for RU only																																																			
		1-479-388-11		AC ADAPTER FOR AV DOCK (150W)				●				●												●									●	●	●	●	●																		
		1-479-388-31		AC ADAPTER FOR AV DOCK (150W)				●				●												●									●	●	●	●	●																		
		A-1114-325-A		BATTERY 9139 ASSY MAIN BP FOR JP	●	●	●	●	●	●	●																																												
		A-1114-326-A		BATTERY 9139 ASSY MAIN BP FOR US								●	●	●	●	●	●	●	●	●	●	●	●								●	●	●	●	●	●																				
⚠1	2007	A-1072-509-B		BATTERY PACK VGP-BPL2 (U)(S)																													●	●	●	●																				
⚠1	[ADD]	1-756-531-51		BATTERY PACK VGP-BPS2A, LITHIUMION for EU/AP/CH																				●	●	●	●	●	●	●							●	●	●	●	●	●	●	●												
⚠1	[DEL]	~~A-1055-675-A~~		~~BATTERY PACK VGP-BPS2, LITHIUMION for EU~~																																~~●~~		~~●~~	~~●~~					~~●~~													
	2009	1-770-019-61	&	ADAPTOR, CONVERSION PLUG																																																			
	2010	1-816-429-12	&	PHONE PLUG (GB only)																																●		●	●	●				●											
	2030	-		PORT REPLICATOR				●				●												●									●	●	●	●	●																		
⚠1	2031	1-478-701-22	&	SPEAKER UNIT								●												●									●	●	●	●	●																		
⚠1	2032	1-479-364-11	&	ADAPTOR, AC (SPEAKER)								●												●									●	●	●	●	●																		
		1-479-364-21	&	ADAPTOR, AC (SPEAKER)								●												●									●	●	●	●	●																		
		1-829-237-21	&	CORD, POWER (U) (SPEAKER)								●												●									●	●	●	●																			
⚠1	2034	1-827-481-21	&	CORD, POWER (E) ES (SPEAKER)																																●																			
		1-827-946-31	&	CORD, POWER (E) GB (SPEAKER)																																●																			
	2035	1-477-218-61	&	RAY-CATCHER UNIT (J/U)				●				●												●									●	●	●	●																			
		1-477-218-81	&	RAY-CATCHER UNIT (E)																																●																			

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A-1. ACCESSORIES

＊: CTO Model

Ref.No.	Part No.		Description	J							AM																										EU									AO									
				FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
2036	1-478-688-11	&	REMOTE COMMANDER (RM-VC10J)				●																																															
	1-479-183-11	&	REMOTE COMMANDER (RM-VC10U)								●												●								●	●	●	●																				
	1-478-969-12	&	REMOTE COMMANDER (RM-VC10E)																															●																				
2037	1-829-239-11	&	RF CORD WITH F TERMINAL (J/U)				●				●												●								●	●	●	●																				
	1-830-684-11	&	RF CORD WITH F TERMINAL FOR EU ONLY																															●																				
-	2-652-621-01	&	MANUAL (XP), INSTRUCTION	●	●	●	●	●	●	●																																												
-	2-630-644-01	&	MANUAL, INSTRUCTION (J) (PORT REPLICATOR)				●																																															
	2-630-644-11	&	MANUAL, INSTRUCTION (U) (PORT REPLICATOR)								●												●								●	●	●	●																				
-	2-652-926-11	&	WELCOME MAT 3460(U)(C)								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																							
	2-652-928-11	&	WELCOME MAT 3460(U)(M)																													●	●	●	●																				
-	2-652-364-11	&	SPECS ML MAJOR 3460 (E)(C)																																		●		●					●										
	2-652-364-21	&	SPECS ML MINOR 3460 (E)(C)																																	●		●		●			●										
	2-652-364-31	&	SPECS RU 3460 (E)(C)																																						●	●												
-	2-652-348-11	&	SPEC SHEET 3460(G)(C)																																											●	●			●	●			
	2-652-348-21	&	SPEC SHEET 3460(G)(C)																																													●				●		
	2-652-348-31	&	SPEC SHEET 3460(G)(C)																																											●	●							
	2-652-348-41	&	SPEC SHEET 3460(G)(C)																																																●			●
-	2-652-330-11	&	TROUBLESHOOTING GUIDE(G)(C)																																												●	●			●	●		
	2-652-330-21	&	TROUBLESHOOTING GUIDE(G)(C)																																																●			●	
	2-652-330-31	&	TROUBLESHOOTING GUIDE(G)(C)																																												●	●						
	2-652-330-41	&	TROUBLESHOOTING GUIDE(G)(C)																																																●				●
-	2-652-333-11	&	SAFETY/REGULATIONS GUIDE 1 (C)																																													●	●	●	●	●	●	●	●
	2-652-333-21	&	SAFETY/REGULATIONS GUIDE 1 (C)																																												●	●						
△3 [COR] -	~~2-318-620-02~~		~~CURTE VAIO~~	●	●	●	●																																														
△3 [COR]	~~2-050-929-03~~		~~CURTE VAIO~~					●	●	●																																												
△3 [COR] -	~~4-671-901-11~~		~~WINDOWS XP LABEL~~	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
△3 [COR] -	~~4-673-894-03~~		~~INTEL CENTRINO STICKER~~	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
△3 [COR]	~~4-682-760-01~~		~~INTEL CELERON (M) STICKER~~		●	●	●	●	●	●												●				●				●																														
△3 [COR] -	~~2-348-258-01~~		~~COA label (XPH)~~	●	●	●	●	●		●	●	●	●	●			●		●	●	●	●	●	●	●	●					●	●			●			●	●			●	●														
△3 [COR]	~~2-348-259-01~~		~~COA label (XPP)~~						●						●	●		●									●	●	●							●										●	●	●	●	●	●	●	●
△3 [COR]	~~2-586-139-01~~		~~COA LABEL(WXPH)SP2 JM CHNSIMP~~																																												●	●						
△3 [COR]	~~2-514-151-01~~		~~COA LABEL(WXPH)SP2 JM RUSSIAN~~																																																		

△2 [MA] △2 [MA]

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A-2. ACCESSORIES

B20

B21 M3*8 Black

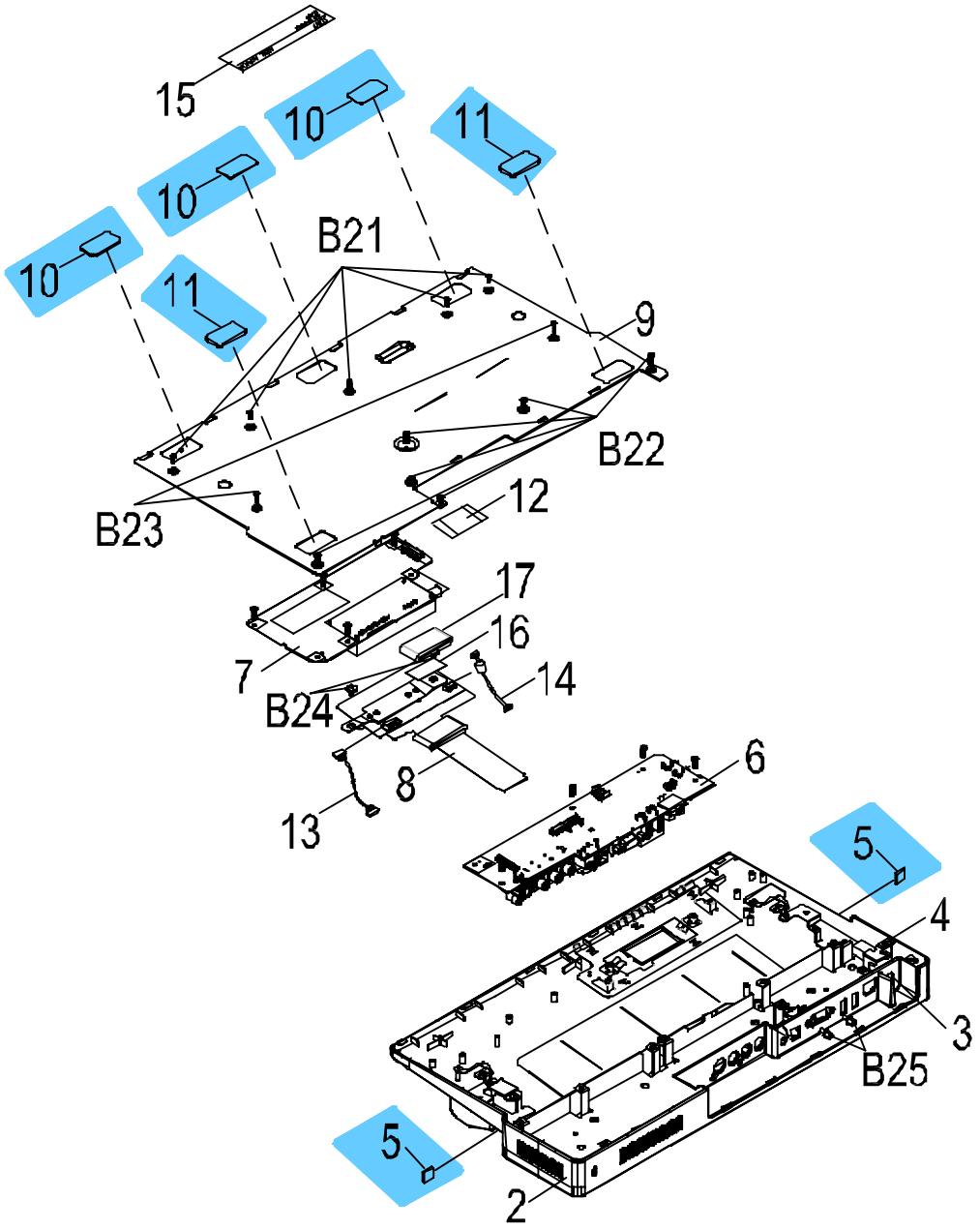
B22 M2*6 Black

B23 M2*8 Black

B24 M3*5 Black

B25 M2*2 Silver

Note: Screw are supplied with B20,a whole set



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A-2. ACCESSORIES (Port Replicator)

* : CTO Model

			J							AM																										EU										AO									
Ref.No.	Part No.	Description	FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
2	A-1127-780-A	RS01-TOP-ASM (for J/U)				●				●												●									●	●	●	●																				
	A-1128-702-A	RS01-TOP-ASM (for E)																																●																				
3	A-1122-559-A	RS01-CABLE-DC-IN				●				●												●									●	●	●	●	●																				
4	2-599-525-01	RS01-HOLDER-DCJACK				●				●												●									●	●	●	●	●																				
5	2-637-689-01 &	RUBBER 95*95*13				●				●												●									●	●	●	●	●																				
6	A-1122-558-A	RS01-PCB-MAIN (Sub-Assy)				●				●												●									●	●	●	●	●																				
7	A-1122-563-A	3062_BOARD_TV-TUNER_REF (J)				●																																																	
	A-1122-564-A	3062_BOARD_TV-TUNER_REF (U)								●												●									●	●	●	●																				
	A-1122-565-A	3062_BOARD_TV-TUNER_REF (E)																																●																				
8	A-1122-562-A	RS01-PCB-DOCKING-CONN (Assy)				●				●												●									●	●	●	●	●																				
9	A-1127-781-A	RS01-BTM-ASM (Sub-Assy)				●				●												●									●	●	●	●	●																				
10	2-546-323-01 &	RS00-RUBBER-FOOT-FRONT				●				●												●									●	●	●	●	●																				
11	2-637-688-01 &	RS01 RUBBER 40T (FOOT BACK)				●				●												●									●	●	●	●	●																				
12	1-963-853-11	RS01-FPC-MB-TV				●				●												●									●	●	●	●	●																				
13	A-1122-560-A	RS01-CABLE-POWER-4P				●				●												●									●	●	●	●	●																				
14	A-1122-561-A	RS01-CABLE-RJ45				●				●												●									●	●	●	●	●																				
15	2-634-190-01	LABEL, MODEL NUMBER (J)				●																																																	
	2-630-626-21	LABEL, MODEL NUMBER(U)								●												●									●	●	●	●																				
	2-634-191-11	LABEL, MODEL NUMBER (E)																																●																				
16	2-637-685-01	DOUBLE ADHESIVE 30*15*0.12				●				●												●									●	●	●	●	●																				
17	2-637-686-01	EMI CORE 400*180*65				●				●												●									●	●	●	●	●																				
B20	A-1127-782-A	RS01 SCREW ASSY (S)				●				●												●									●	●	●	●	●																				

△2 [MA] △2 [MA]

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T-1. SUBSTITUTION PARTS LIST

NOTE:

Please order below substitution parts if the parts with the same Ref. No. in page 4-2 to 4-17 are not available.

* : CTO Model

	Ref.No.	Part No.	Description	J							AM																										EU								AO							
				FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
△[ADD]	5	1-797-464-21	TOUCH PAD (W)	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
△[ADD]		1-797-464-11	TOUCH PAD (G)						●	●					●	●											●	●	●							●																		
△[ADD]	6	1-830-442-31	MS03 TOUCHPAD FFC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
△[ADD]	15	1-964-366-21	MS03 OIDE FFC	●	●	●	●	●	●	●																																													
△[ADD]	24	6-707-715-01	CPU CEL-M1.4		●		●	●	●	●																																												
△[ADD]		6-707-268-01	CPU CEL-M1.5			●																●			●			●			●	●	●	●																				
△[DEL]	25	6-707-350-01	RAM Infineon (400) 512MB								☚	☚			☚	☚	☚	☚						☚																					●	●	●	●	●	●	●	●	●
		6-708-155-01	RAM Infineon (533) 512MB	●	●	●	●				●	●			●	●	●	●					●	●			●			●							●	●	●	●		●	●	●	●			●	●	●	●	●	●	●
△[ADD]		6-707-351-01	RAM Hynix (533) 512MB	●	●	●	●				●	●			●	●	●	●					●	●			●			●							●	●	●	●		●	●	●	●			●	●	●	●	●	●	●
		6-708-619-01	RAM Elpida (533) 512MB	●	●	●	●				●	●			●	●	●	●					●	●			●			●							●	●	●	●		●	●	●	●									
△[DEL]		6-707-352-01	RAM Infineon (400) 256MB					●					☚	☚					☚		☚				☚	☚		☚	☚		●																							
		6-708-614-01	RAM Infineon (533) 256MB					●					●	●					●	●	●	●			●	●		●	●		●										●												
		6-708-690-01	RAM Micron (400) 256MB					●					●	●					●	●	●	●			●	●		●	●		●										●												
		6-708-689-01	RAM Micron (533) 256MB					●					●	●					●	●	●	●			●	●		●	●		●										●												
△[ADD]		6-708-104-01	RAM Hynix (400) 256MB										●	●					●	●	●	●			●	●		●	●											●												
		6-708-613-01	RAM Hynix (533) 256MB					●					●	●					●	●	●	●			●	●		●	●		●										●												
	26	1-789-095-82	WIRELESS LAN CARD (a/b/g FOR JP)(Intel)	●																																																	
		1-789-014-23	WIRELESS LAN CARD (b/g FOR JP LOW)(Ambit)		●	●	●	●	●	●																																											
△[ADD]		1-761-864-62	WIRELESS LAN CARD (b/g FOR JP HIGH,MIDDLE)(Intel)						●	●																																											
		1-761-864-63	WIRELESS LAN CARD (b/g FOR JP HIGH,MIDDLE)(Intel)						●	●																																											
		1-761-864-64	WIRELESS LAN CARD (b/g FOR JP HIGH,MIDDLE)(Intel)						●	●																																											
△[ADD]		1-789-014-32	WIRELESS LAN CARD (b/g for EU/GVD/CH)(Ambitl)																																				●														
	64	1-963-756-22	MS02 LCD CABLE for 2 lamps LCD	●	●	●	●	●	●	●	●	●			●	●	●	●			●		●							●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
		1-963-755-22	MS02 LCD CABLE for 1 lamp LCD										●	●					●	●		●		●	●	●	●	●	●		●	●	●	●	●														●	●	●	●
	81	A-1152-203-A	MS03 ASSY ODD Pioneer SMDL (W)		●	●	●																																															
△[DEL]		A-1152-205-A	MS03 ASSY ODD Pioneer DVD+/-RW DL (W)								●	●	●				●	●			●	●	●	●	●	●				●	●					●		●	●	●	●	●	●	●			●	●			●	●	☚	☚
		A-1152-206-A	MS03 ASSY ODD Pioneer DVD+/-RW DL (G)												●	●											●									●																		
		A-1152-207-A	MS03 ASSY ODD PANA DVD+/-RW DL (W)										●									●				●																													
△[DEL]		A-1152-208-A	MS03 ASSY ODD SONY DVD+/-RW DL (W)								●	●					●	●			●	●	●	●						●	●					●		●	●	●	●	●	●	●			●	●			●	●	☚	☚
		A-1152-209-A	MS03 ASSY ODD SONY DVD+/-RW DL (G)												●	●											●									●																		
△[DEL]		A-1127-953-A	MS02 ASSY ODD Pioneer DVD+/-RW DL (W)								●	●	●				●	●			●	●	●	●	●	●				●	●					●		●	●	●	●	●	●	●			●	●	☚	☚	●	●	☚	☚
		A-1127-954-A	MS02 ASSY ODD Pioneer DVD+/-RW DL (G)												●	●											●									●																		
△[DEL]		A-1127-951-A	MS02 ASSY ODD SONY DVD+/-RW DL (W)								●	●	●				●	●			●	●	●	●	●	●				●	●					●		●	●	●	●	●	●	●			●	●	☚	☚	●	●	☚	☚
		A-1127-952-A	MS02 ASSY ODD SONY DVD+/-RW DL (G)												●	●											●									●																		
		A-1152-210-A	MS03 ASSY ODD Pioneer HMD (W)	●																																																		

△2 [MA] △2 [MA]

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T-1. SUBSTITUTION PARTS LIST

* : CTO Model

	Ref.No.	Part No.		Description	J							AM																															EU										AO										
					FS52B	FS22B	FS32B	FS22VB	FS92S	FS92PS *	FS92S *	FS780	FS760	FS740	FS720	FS775P	FS745P	FS770	FS750P	FS730	FS715	FS742	FS710	FS770FG	FS750F	FS730F	FS715F	FS755FP	FS740FP	FS710FP	FS760Q	FS740Q	FS790P *	FS790B *	FS790 *	FS790BH *	FS315Z	FS395VP	FS315M	FS315B	FS315E	FS315SR	FS315MR	FS315H	FS315S	FS38C	FS35C	FS38GP	FS38SP	FS38LP	FS38TP	FS35GP	FS35SP	FS35LP	FS35TP
	91	A-1152-169-A		MS03 ASSY HDD 120GB (FJ)																																•																					
		A-1152-170-A		MS03 ASSY HDD 120GB (HI)								•																																												
		A-1152-171-A		MS03 ASSY HDD 120GB (TO)								•																								•																					
		A-1152-196-A		MS03 ASSY HDD 100GB (FJ)	•		•						•			•		•	•					•	•			•			•											•		•	•			•	•				
		A-1127-961-A		MS02 ASSY HDD 100GB (TO)	•		•																																				•	•									
		A-1152-197-A		MS03 ASSY HDD 100GB (HGST)	•								•			•		•	•					•	•			•			•											•		•	•			•	•				
		A-1127-960-A		MS02 ASSY HDD 100GB (FJ)			•						•			•		•	•					•	•			•			•											•						•	•				
		A-1152-198-A		MS03 ASSY HDD 80GB (FJ)		•		•						•			•			•		•	•			•			•			•						•	•	•	•		•									
		A-1152-199-A		MS03 ASSY HDD 80GB (HGST)		•		•						•			•			•		•	•			•			•			•											•										
		A-1108-905-A		MS01 ASSY HDD 80GB (TO)		•														•																		•	•	•	•											
		A-1127-962-A		MS02 ASSY HDD 80GB (FJ)				•						•			•			•		•	•			•			•			•						•	•	•	•		•									
[DEL]		A-1152-200-A		MS03 ASSY HDD 60GB (FJ)											•												•			•																				•	•	=	=
		A-1108-908-A		MS01 ASSY HDD 60GB (TO)																	•						•			•																				•	•	=	=
[DEL]		A-1127-963-A		MS02 ASSY HDD 60GB (FJ)											•						•						•			•																				•	•	=	=
		A-1127-964-A		MS02 ASSY HDD 40GB (FJ)					•												•																																	
		A-1108-909-A		MS01 ASSY HDD 40GB (TO)					•																																													
		1-827-160-21	&	POWER CORD FOR J (Silvine)						•	•																																										
		1-790-732-81	&	POWER CORD FOR J (Hirakawa)	•	•	•	•	•																																												
	2005	1-829-810-31	&	POWER CORD FOR U (Hirakawa)								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																						
		1-824-910-41	&	POWER CORD FOR E (non GB) (Hirakawa)																																•	•	•	•	•			•	•			•	•			•	•		
		1-823-935-61	&	POWER CORD FOR E (GB) (Hirakawa)																																•	•	•	•	•				•								
		1-782-476-61	&	POWER CORD FOR C (Hirakawa)																																														•	•						
		1-479-116-12		AC ADAPTER NJRC (90W)	•	•	•		•				•	•	•	•	•	•	•	•	•	•	•									•	•	•	•																				
		1-479-114-23		AC ADAPTER VGP-AC19V10 (Delta)	•	•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•								•	•																							
	2006	1-479-114-31		AC ADAPTER VGP-AC19V10 (Delta)	•	•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•			•	•	•	•	•	•	•	•	•	
		1-479-114-41		AC ADAPTER VGP-AC19V10 (Delta)	•	•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•			•	•	•	•	•	•	•	•	•	•
		1-479-114-51		AC ADAPTER VGP-AC19V10 (Delta)	•	•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•			•	•	•	•	•	•	•	•	•	
		1-479-116-31		AC ADAPTER VGP-AC19V11 (NJRC)																												•	•	•	•	•																		
		1-829-810-31	&	CORD, POWER (U)(SPEAKER)								•												•								•	•	•	•																		
	2034	1-824-910-41	&	CORD, POWER (E) ES (SPEAKER)																																•																		
		1-823-935-61	&	CORD, POWER (E) GB (SPEAKER)																																•																		

2 [MA] 2 [MA]

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⚠1 [CHG]

DIP Switch

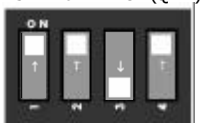
The DIP switch setting is following table.

J	VGN-FS52B	VGN-FS22B	VGN-FS32B	VGN-FS22VB	VGN-FS92S	VGN-FS92PS*/FS92S*	
AM	VGN-FS780	VGN-FS760P	VGN-FS740 (QDI) (CPT)	VGN-FS720 (QDI) (CPT)	VGN-FS775P	VGN-FS745P	VGN-FS770
	VGN-FS750P	VGN-FS730 (QDI) (CPT)	VGN-FS715 ⚠2 [MA] (QDI) (CPT)	VGN-FS742	VGN-FS710 ⚠2 [MA] (QDI) (CPT)	VGN-FS770FG	VGN-FS750F (QDI) (CPT)
	VGN-FS730F (QDI) (CPT)	VGN-FS715F (QDI) (CPT)	VGN755FG (QDI) (CPT)	VGN-FS740FP (QDI) (CPT)	VGN-FS710FP (QDI) (CPT)	VGN-FS740	(QDI) (CPT)
	VGN-FS790P*/FS790B*/FS790*/FS790BH* (QDI) (CPT)						
EU	VGN-FS315Z	VGN-FS395VP	VGN-FS315M	VGN-FS315B	VGN-FS315E	VGN-FS315SR	VGN-FS315MR
	VGN-FS315H	VGN-FS315S					
AO	VGN-FS38C	VGN-FS35C	VGN-FS38GP	VGN-FS38SP	VGN-FS38LP	VGN-FS38TP	VGN-FS35GP (QDI) (CPT)
	VGN-FS35SP (QDI) (CPT)	VGN-FS38LP	VGN-FS38TP				

15.4inch WSXGA +(HC)

15.4inch WXGA(HC)

15.4inch WXGA(QDI)



15.4inch WXGA(CPT)

Note: When replacing LCD from CPT to QDI, please change the DIP switch from 15.4inch WXGA(CPT) to 15.4inch WXGA (QDI).

The DIP switch setting is different depending the types of LCD.
Set the DIP switch of CTO model in accordance with the [FOR CTO MODEL].

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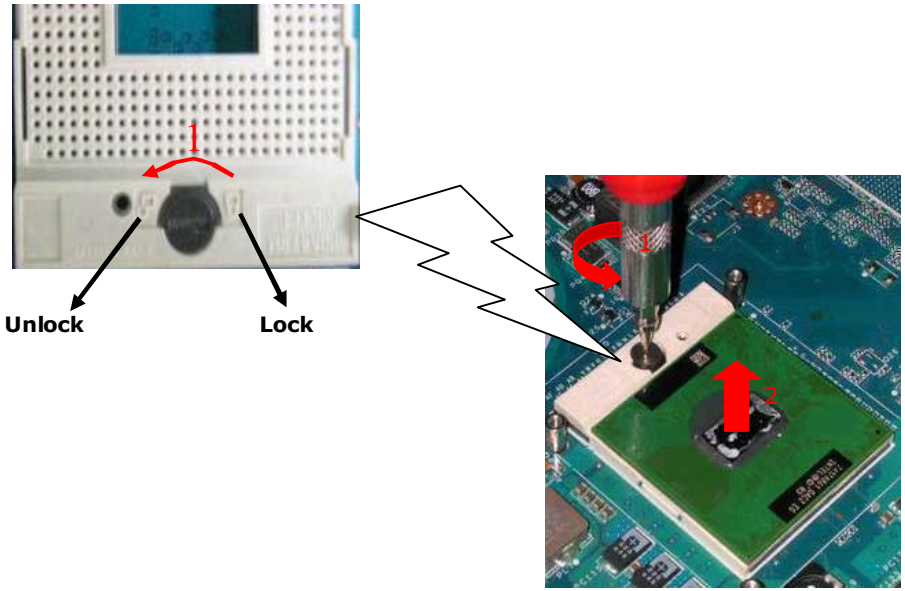
CHAPTER 5.
OTHERS

5-1.Replacing the CPU

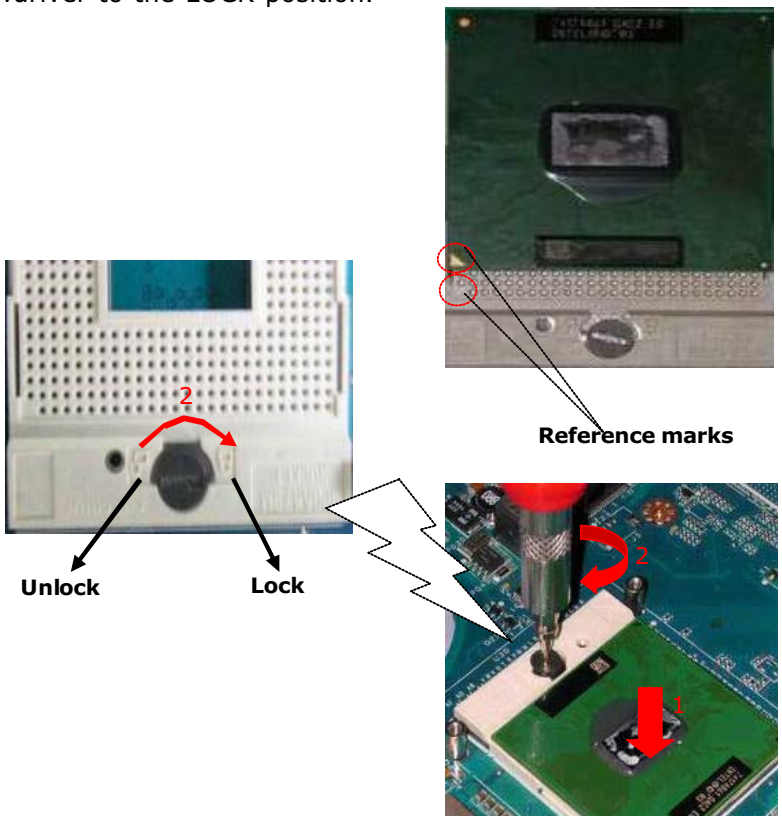
1. Removing the CPU

1. Insert a flat-blade screwdriver into the notch as shown illustration and rotate it so that the protrusion comes to the lock release position.
2. Pull the CPU gently upward to lift it out of the CPU socket



2. Installing the CPU

1. Align the triangle reference mark of the mark the CPU with that of the CPU socket and insert all the pins of the CPU to the corresponding holes of the CPU socket.
2. Insert the flat head (-) screwdriver into the specified position and rotate th screwdriver to the LOCK position.



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5-2. Wiring the W-LAN Cable

* The MS02 PWA ANTENNA is installed also in the models without Wireless LAN.
  Refer to the instruction below to see how to wire the CABLE.

Using KAPTION TAPE to secure the Cable.

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VGN- FS52B/FS22B/FS32B/FS22VB/FS92S/FS92PS/FS92S (J)
VGN- FS780/FS760/FS740/FS720/FS775P/FS745P/FS770/FS750P/FS730/FS715/FS742/FS710/FS770FG/FS750F/ FS730F/FS715F/FS755FP/FS740FP/FS710FP/FS760Q/FS740Q/FS790P/FS790B/FS790/FS790BH (AM)
VGN- FS315Z/FS395VP/FS315M/FS315B/FS315E/FS315SR/FS315MR/FS315H/FS315S (EU)
VGN- FS38C/FS35C/FS38GP/FS38SP/FS38LP/FS38TP/FS35GP/FS35SP/FS35LP/FS35TP (AO)

List of VGN-F Series (As of Nov, 2005)

Service Manual Part No.	Model Name			
	J	AM	EU	AO
9-876-414-XX	VGN-FS70B VGN-FS20 VGN-FS50B VGN-FS90PS * VGN-FS30B VGN-FS90S *	VGN-FS570 VGN-FS540P VGN-FS500 * VGN-FS550F VGN-FS550 VGN-FS530B VGN-FS500P * VGN-FS550P VGN-FS520B VGN-FS500B *	VGN-FS195XP VGN-FS115M VGN-FS115B VGN-FS115Z VGN-FS115E VGN-FS115ZR VGN-FS115S VGN-FS195VP VGN-FS115MR	VGN-FS18CP VGN-FS18SP VGN-FS15GP VGN-FS15TP VGN-FS15C VGN-FS18LP VGN-FS15SP VGN-FS18GP VGN-FS18TP VGN-FS15LP
9-876-425-XX	VGN-FS71B VGN-FS21 VGN-FS51B VGN-FS91PS * VGN-FS31B VGN-FS91PSY * VGN-FS21B VGN-FS91S *	VGN-FS680 VGN-FS645P VGN-FS640FP VGN-FS690 * VGN-FS660P VGN-FS670FG VGN-FS610FP VGN-FS660 VGN-FS650F VGN-FS620P VGN-FS640 VGN-FS630F VGN-FS620 VGN-FS675P VGN-FS615F VGN-FS630 VGN-FS635B VGN-FS640Q VGN-FS690P * VGN-FS625B VGN-FS655FP VGN-FS690B *	VGN-FS295XP VGN-FS215MR VGN-FS215Z VGN-FS285M VGN-FS215M VGN-FS285B VGN-FS295VP VGN-FS285E VGN-FS215B VGN-FS215S VGN-FS215E VGN-FS285H VGN-FS215SR	VGN-FS28C VGN-FS28TP VGN-FS25C VGN-FS25GP VGN-FS28GP VGN-FS25SP VGN-FS28SP VGN-FS25LP VGN-FS28LP VGN-FS25TP
9-876-443-XX	VGN-FS52B VGN-FS92S VGN-FS22B VGN-FS92PS * VGN-FS32B VGN-FS92S * VGN-FS22VB	VGN-FS780 VGN-FS750P VGN-FS730F VGN-FS790P * VGN-FS760 VGN-FS730 VGN-FS715F VGN-FS790B * VGN-FS740 VGN-FS715 VGN-FS755FP VGN-FS790 * VGN-FS720 VGN-FS742 VGN-FS740FP VGN-FS790BH * VGN-FS775P VGN-FS710 VGN-FS710FP VGN-FS745P VGN-FS770FG VGN-FS760Q VGN-FS770 VGN-FS750F VGN-FS740Q	VGN-FS315Z VGN-FS315SR VGN-FS395VP VGN-FS315MR VGN-FS315M VGN-FS315H VGN-FS315B VGN-FS315S VGN-FS315E	VGN-FS38C VGN-FS38TP VGN-FS35C VGN-FS35GP VGN-FS38GP VGN-FS35SP VGN-FS38SP VGN-FS35LP VGN-FS38LP VGN-FS35TP

***: CTO Model**
: Additional Model

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Revision History

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